628.062
A
V 3 f

Engineering Library
OCT 24 1916
UNIV. OF MICHIGAN LIBRARY

SUPPLEMENT

TO

JOURNAL

OF THE

AMERICAN WATER WORKS ASSOCIATION

VOL. 3 SEPTEMBER, 1916 NO. 3

CONSTITUTION

LIST OF OFFICERS 1916–1917

LIST OF COMMITTEES 1916–1917

LIST OF MEMBERS

IMPORTANT

Kindly notify the secretary promptly of any change in address

J. M. DIVEN, Secretary

41 State St., Troy, N. Y.

CONTENTS

Constitution:
- Name 1
- Object 1
- Membership 1
- Admission and Expulsion 2
- Fees and Dues 3
- Officers 4
  - Nomination and election of 4
  - Duties of 7
- Committees 8
- Meetings 9
- Sections 10
- Amendments 11

List of Officers 1916–1917 12

List of Committees 1916–1917 12

List of Members:
- Honorary 16
- Active 16
- Corporate 86
- Associate 91
- Geographical 98

Summary of Membership by States 118

CONSTITUTION OF THE AMERICAN WATER WORKS ASSOCIATION

Adopted June 12, 1913
Amended May 12, 1914
Amended May 12, 1915

ARTICLE I

Name

The name of this Association, a corporation organized under the laws of the State of Illinois, shall be "The American Water Works Association."

ARTICLE II

Object

The object of this Association shall be the advancement of knowledge of the design, construction, operation and management of water works, and the encouragement, by social intercourse among its members, of a friendly exchange of information and experience.

ARTICLE III

Membership

Section 1. Members of this Association may be either Honorary Members, Active Members, Corporate Members, or Associate Members.

Section 2. An Honorary Member shall be one whose scientific or practical knowledge in matters related to public water supply, or whose accomplishments in that field of endeavor, shall entitle him to especial recognition by the Association. Honorary Members shall have the same privileges as Active Members, but shall not be required to make any payments for the support of the Association.

Section 3. An Active Member shall be either a Superintendent, Manager or other officer of a municipal or private water works; a civil, mechanical, hydraulic or sanitary engineer, a chemist, or bacte-

riologist; or he shall be otherwise qualified for and actually engaged in the advancement of knowledge relating to public water supply.

SECTION 4. A Corporate Member shall be either a Water Board or Commission, or a Water Company, and shall be entitled to one representative who shall have all the rights and privileges of an Active Member.

SECTION 5. An Associate Member shall be either a person, firm or corporation, engaged in manufacturing or furnishing materials or supplies for the construction or maintenance of water works. An Associate Membership shall entitle the holder to be represented by one person on the floor at each meeting but such representative shall not be entitled to vote or take part in any discussion unless permission is given by unanimous consent of the members present; provided, however, that Associate Members may vote on selection of the place of meeting as provided in Article 9, Section 1, each Associate membership being entitled to one vote only.

SECTION 6. When an Active Member so changes his vocation that were he to apply for membership he would be classed as an Associate Member, he may continue as an Active Member with all the privileges of that grade, except that he shall not be eligible to any elective office in the Association.

ARTICLE IV

ADMISSION AND EXPULSION

SECTION 1. The Executive Committee may, at its discretion, at the request of any member, present the name of any person qualified for Honorary Membership, to the Association for election to that grade of membership; but the Executive Committee must, upon the written request of twenty-five members, so present the name of any such person to the Association.

SECTION 2. Any person, firm, corporation or water department desiring to become an Active, Corporate or Associate Member must make application for the grade of membership sought, upon the blank form provided by the Association. Each application must be endorsed by two members of the Association, shall embody a concise statement of the applicant's qualifications for membership and be accompanied by the initiation fees and dues as hereinafter provided. All applications must be forwarded to the Secretary

who shall submit them to the Membership Committee, as soon as possible.

A majority affirmative vote of the Membership Committee shall elect to Active, Corporate or Associate Membership subject to review by the Executive Committee.

SECTION 3. No member whose dues are in arrears shall receive the publications of the Association until such dues are paid. Members in arrears for one year shall be dropped from the roll by the Secretary.

SECTION 4. Any member who has been suspended for non-payment of dues may be reinstated by the Membership Committee upon payment of all back dues. He shall then be entitled to receive such back numbers of the publications of the Association as may have been withheld from him on account of non-payment of dues, and are not out of print.

SECTION 5. Any member of any grade may be expelled from the Association for cause, upon the recommendation of the Membership Committee, adopted by a two-thirds vote of the members present and voting at any annual convention.

SECTION 6. Any member may retire from membership by giving written notice to that effect to the Secretary, provided that he pay all dues to that date, unless released from said payment by the Executive Committee.

ARTICLE V

FEES AND DUES

SECTION 1. Each Active Member shall pay an initiation fee of Five Dollars, and annual dues of Five Dollars.

SECTION 2. Each Corporate Member shall pay an initiation fee of Ten Dollars, and annual dues of Five Dollars.

SECTION 3. Each Associate Member shall pay an initiation fee of Ten Dollars, and annual dues of Ten Dollars.

SECTION 4. The fiscal year of the Association shall begin April 1st and terminate on March 31st. Annual dues shall be payable in advance and shall be due on April 1st, the first day of the fiscal year covered by said dues. It shall be the duty of the Secretary to notify each member on or before March 15th of the amount due from said member for the ensuing year.

SECTION 5. Any newly elected member shall be entitled to all

the publications of the Association that are distributed to its members during the year. Members elected later than December 1st shall not be required to pay the annual dues for the current year, but if they do pay said annual dues they shall receive all the publications to which members in good standing are entitled for that year.

SECTION 6. In case any application for membership shall be rejected the initiation fee and dues which accompanied the application shall be returned to the applicant.

SECTION 7. Any Active Member in good standing in any Interstate, State or Local Association formed for the same general purpose as this Association, and which has been approved as such by the Executive Committee of this Association, who may apply for Active or Corporate Membership, may be admitted by the Membership Committee without the payment of the regular initiation fee; provided he shall furnish evidence that he has paid, during his membership in such Interstate, State or Local Association, in fees and dues, an amount equal to or exceeding the initiation fee required in this Association and is at the time of making application for membership in this Association, an Active Member in good standing in said Interstate, State or Local Association.

ARTICLE VI

OFFICERS

SECTION 1. The Officers of the Association shall be a President, one Vice-President, Treasurer, Secretary, and Editor of the Association's publications. The offices of the Secretary and Editor may be combined at the discretion of the Executive Committee.

SECTION 2. There shall be an Executive Committee in which the government of the Association shall be vested. It shall consist of the President, Vice-President, Treasurer, Secretary, Editor, the Chairman of the Finance Committee, the last two living past presidents and six trustees. No two trustees shall be residents of the same state. The President and the Secretary of the Association shall be the President and the Secretary of the Executive Committee.

SECTION 3. On the third day of each annual convention, or on a day to be designated by the Executive Committee, the Convention

shall elect a Nominating Committee, whose duty it shall be to suggest nominations for the officers of the Association for which the Constitution provides there shall be a letter ballot of the membership. Said Nominating Committee shall consist of five Active, Honorary or Corporate members, representing the following territorial distribution of the membership, to wit:

(1) The New England States, (2) The Middle States, (3) The Southern States, (4) The Central States, (5) The remainder of the United States, and all territory outside of the United States. The nomination for members of the Nominating Committee shall be made on the floor of the Convention, first by placing in nomination an Active, Honorary or Corporate member to represent the above geographical subdivisions who may be selected by the Active, Honorary or Corporate members from said geographical subdivision in attendance at the Convention, and if such nomination is not so made, a nominee, representing any geographical subdivision failing to so submit a name, shall be made from the floor of the Convention. The member of such Nominating Committee whose membership in the Association is the oldest shall be Chairman.

The Nominating Committee, so elected by the Convention, shall cause to be mailed to the membership, within six months after the Convention at which they are elected, a list of the nominees for the respective officers of the Association, for which the Constitution provides there shall be a letter ballot of the membership. Up to within three months of the time of holding the next Annual Convention, additional nominations may be made by request to the Secretary, signed by at least twenty-five Active, Honorary or Corporate members, and upon the receipt of such request, the Secretary shall add such additional nominees to the final ballot to be prepared by him. The nominees of the Nominating Committee shall head such final ballot for each office, and any additional nominees for the respective offices shall be placed under the nominees of the Committee in alphabetical order.

Section 4. Election shall be by letter ballot. At least two months before the date of the Annual Meeting, a ticket shall be mailed to each member of the Association entitled to vote.

Each member shall be entitled to vote for one candidate for President, one candidate for Vice-President, one candidate for Treasurer and two candidates for trustees.

The ballot shall be sealed separately in a special ballot envelope.

This ballot envelope shall be enclosed in a larger envelope and forwarded to the Secretary. The signature of the member voting shall appear on the outer envelope.

The Secretary with two canvassers appointed by the President shall meet at a time and place directed by the President, and shall open and count all ballots cast by persons entitled to vote. No ballot shall be counted if received later than seven days previous to the beginning of the annual meeting.

The result of the canvass for President, Vice-President, Treasurer and Trustees shall be declared by the President at the annual meeting on certification of the canvassing board.

The member who shall have received the plurality of the votes cast for the office of President shall be declared elected. The member receiving the highest number of votes for Vice-President shall be declared elected. The member who shall have received the highest number of votes for Treasurer shall be declared elected. Subject to the provision that no two trustees shall be residents of the same State, the two members who shall have received the greatest number of votes for Trustees shall be declared elected.

If there be a tie vote the President shall order a vote to be taken in the annual meeting to decide which person of those who shall have received the same number of ballots shall be chosen.

The terms of the officers so elected shall be as follows: For the President, Vice-President and Treasurer, each one year beginning with the close of the last day of the annual meeting and ending the last day of the next annual meeting, or until his successor shall have been chosen; for the Trustees, three years beginning with the close of the last day of the annual meeting.

Section 5. Before the close of each Annual Convention, the Executive Committee elected to serve during the year ensuing, shall organize and elect a Secretary and an Editor, to serve until the close of the next Annual Convention, or until their successors are chosen.

Section 6. In case of the absence, death or inability of the President to perform the duties of his office, his position shall be temporarily filled by the Vice-President, and in case of the absence, death or inability of the Vice-President, his position shall be filled by one of the Trustees; the order of precedence being governed by the date of election as Trustee, or the dates of the election being the same, by the date of admission of such Trustee to membership in the Association.

SECTION 7. All vacancies in office except as provided in Section 6 hereof shall be filled by vote of the Executive Committee for the unexpired term of said office as soon as practicable after said vacancy occurs.

SECTION 8. The President, Vice-President, and Trustees shall be ineligible to election for a consecutive term.

ARTICLE VII

DUTIES OF OFFICERS

SECTION 1. The President shall have general supervision of the affairs of the Association, and shall preside at all meetings of the Association and of the Executive Committee at which he may be present.

SECTION 2. The Executive Committee shall be the legal representative of the Association and as such shall have full control of the management of the affairs of the Association, subject to the control of the Association in regular convention; it shall make the necessary arrangements for the convention and shall have power to expend the funds of the Association or to invest the same, but must not incur indebtedness beyond the funds in the hands of the Treasurer and Secretary. The Executive Committee shall have power to prepare and enforce, for the conduct of the business of the Association, by-laws not in conflict with this Constitution. It shall hold an annual meeting at least one hour before the opening session of each annual convention. Other meetings shall be held at the call of the President or of any three members of the Executive Committee.

All questions in the Executive Committee shall be decided by a majority vote and seven members shall constitute a quorum. The Executive Committee may vote by letter upon questions submitted by the President and Secretary.

SECTION 3. The Treasurer shall have charge of the funds of the Association, shall pay bills against the Association on order of the Finance Committee certified by the Secretary and shall make a report of the expenditures and of the funds of the Association at the annual convention.

SECTION 4. The Secretary shall be an Active Member of the Association. It shall be his duty to attend all conventions and

meetings of the Association and of the Executive Committee; prepare the business and duly record the proceedings thereof. He shall see that all moneys due the Association are carefully collected, and shall promptly pay the same to the Treasurer. He shall personally certify the accuracy of all bills or vouchers to the Finance Committee.

He shall, at the annual convention, make a report of the receipts and of the condition and affairs of the Association.

He shall conduct the correspondence of the Association and keep a full record of the same.

SECTION 5. The Editor shall have charge of the printing and distribution to all the members, of the Proceedings and Transactions of the Association and shall perform such other duties as are assigned to him by the Executive Committee.

The publications of the Association shall be copyrighted so far as is practicable and proper.

ARTICLE VIII

COMMITTEES

SECTION 1. There shall be three standing Committees, the Finance Committee, the Membership Committee and the Publication Committee. The members of each shall be appointed by the incoming Executive Committee at the time of the Annual Convention. They shall serve for one year beginning with the close of the last day of the annual meeting or until their successors shall have been chosen. Additional Committees may be appointed at any time by the President on authority of the Association.

SECTION 2. The Finance Committee, which shall consist of three active members, shall audit and approve all bills before they shall be paid by the Treasurer. It shall examine the books of the Secretary and of the Treasurer annually or more often, and shall audit the same and report upon the same to the Executive Committee. This Committee shall also have general supervision of the finances of the Association, making such reports thereon to the Executive Committee as the exigencies of the case may require or as directed by the Executive Committee or by the Association at its annual meeting.

SECTION 3. The Membership Committee, which shall consist

of three members, shall examine the qualifications of and vote upon all applicants for membership nominated in due form, and report its action to the Secretary.

SECTION 4. The Publication Committee, which shall consist of five members, one of whom shall be the Editor, shall have control of the publications of the Association and shall see that all publications and papers are edited before publication, and, whenever possible, before presentation.

The committee may call to its aid members of the Association or others who have had special experience in the subject treated, to advise in regard to any paper, or to discuss the same, and may return any paper to its author for correction or amendment.

No papers containing matter either readily found elsewhere, especially advocating personal interests, carelessly prepared, purely speculative, or foreign to the purpose of the Association shall be accepted. The Committee shall prepare rules which, when approved by the Executive Committee, shall govern the preparation, presentation and publication of all papers and such other matters of similar nature as the best interests of the Association may require.

ARTICLE IX

MEETINGS

SECTION 1. The Annual Convention of the Association shall open on such Tuesday as the Executive Committee may designate, at nine o'clock, a. m., and at such place as shall be designated by the Association at the previous convention, the selection to be by ballot. The place receiving a majority of all votes cast shall be selected as the place of meeting. All members shall be entitled to vote.

SECTION 2. The Executive Committee shall have power to change the place of meeting as in its judgment the interests of the Association may demand.

SECTION 3. The date of the Annual Convention shall be fixed by the Executive Committee not less than seventy days in advance of the meeting, and such date shall be printed on all ballots for the nomination or election of officers.

ARTICLE X

Sections

Section 1. Local Sections may be established by the Executive Committee on receipt of a written request to that effect signed by twenty Active or Corporate Members of the Association, residing in territory within which the Local Section is desired.

Section 2. National Sections consisting of Engineers, Superintendents, Chemists and Bacteriologists, Accountants or other classes of persons included in the membership of the Association, may be established by the Executive Committee on the request of thirty members. Any member of the Association may register in any National Section of the Association in which he is interested.

Section 3. Such sections shall choose their own officers and committees and may make any rules for their government not inconsistent with the constitution and by-laws of the Association, but these rules must first be approved by the Executive Committee.

Section 4. Each Local Section may receive from the Treasurer of the Association, for local use, not more than twenty-five per cent of the annual dues paid to the Association by the members of said Local Section. The Treasurer of said Local Section shall forward to the Secretary of the Association his application indorsed by the presiding officer of the Section for such portions of said sum as may be needed; and upon receipt of such application the Secretary shall request the Finance Committee to authorize the Treasurer of the Association to pay such sums to the Treasurer of the Local Section. Said sum may be used by the Local Section only in payment of necessary operating expenses incurred by the section, such as printing, stationery, postage, rent and care of room, light, fuel, etc. At the end of each fiscal year the Treasurer of each Local Section shall certify to the Secretary of the Association the balance on hand of the funds received from the Association. This balance shall be returned to the Association or shall be charged to the Local Section as a portion of its quota for the following year. No Local Section shall be entitled to draw upon the Association until such certification has been made, and its accounts audited by the Finance Committee.

Section 5. The presiding officer of each section shall be an Honorary Vice-President of the Association.

SECTION 6. Any section may be dissolved by the Executive Committee for good and sufficient reasons.

ARTICLE XI

GENERAL

SECTION 1. Any member may, with the concurrence of the presiding officer, admit friends to the meetings of the Association, but such persons shall not take part in the discussions without the consent of the convention; and the privilege of the floor can only be granted to a non-member by unanimous consent.

SECTION 2. The Secretary shall send notice to all members of the Association at least fifteen days before the annual convention, giving the titles of papers to be read and mentioning any special business to be considered at said convention.

ARTICLE XII

AMENDMENTS

SECTION 1. All proposed amendments to the Constitution shall be submitted in writing to the Executive Committee which at its discretion may bring them before the next Annual Convention of the Association, but the Executive Committee must do so on the request in writing of five members of the Association.

SECTION 2. To pass an amendment to the Constitution, an affirmative vote of two-thirds of the members present and voting at said convention shall be required.

LIST OF OFFICERS 1916–1917

President

LEONARD METCALF, Consulting Engineer, Boston, Mass.

Vice-President

THEODORE A. LEISEN, General Superintendent, Board of Water Commissioners, Detroit, Mich.

Treasurer

JAMES M. CAIRD, Chemist and Bacteriologist, Troy, N. Y.

Secretary-Editor

JOHN M. DIVEN, Superintendent of Water Works, Troy, N. Y.

Trustees

Term Expiring 1917

ALLEN HAZEN, Civil Engineer, New York, N. Y.
ALLAN W. CUDDEBACK, Engineer and Superintendent Passaic Water Company, Paterson, N. J.

Term Expiring 1918

CARLETON E. DAVIS, Chief Bureau of Water, Philadelphia, Pa.
C. H. RUST, City Engineer and Water Commissioner, Victoria, B. C.

Term Expiring 1919

M. L. WORRELL, General Manager Water Department, Meridian, Miss.
F. W. CAPPELEN, City Engineer, Minneapols, Minn.

Executive Committee

LEONARD METCALF, President

THEODORE A. LEISEN	C. H. RUST
JAMES M. CAIRD	CARLETON E. DAVIS
JOHN M. DIVEN	ALLAN W. CUDDEBACK
H. E. KEELER	ALLEN HAZEN
GEORGE G. EARL	M. L. WORRELL
NICHOLAS S. HILL, JR.	F. W. CAPPELEN

LIST OF COMMITTEES 1916–1917

FINANCE

H. E. KEELER, Chairman, 633 The Rookery, Chicago, Ill.
CHARLES R. HENDERSON, Water Department, Davenport, Iowa.
HENRY B. MORGAN, 143 N. Jefferson Avenue, Peoria, Ill.

PUBLICATION

John W. Alvord, Chairman, 1417 Hartford Building, Chicago, Ill.
Dabney H. Maury, Consulting Engineer, 1137 Monadnock Block, Chicago, Ill.
Edward Bartow, Director State Water Survey, Urbana, Ill.
H. E. Keeler, 633 The Rookery, Chicago, Ill.
John M. Diven, Editor, Superintendent Water Works, Troy, N. Y.

MEMBERSHIP

Morris R. Sherrerd, Chairman, City Hall, Newark, N. J.
James H. Caldwell, Civil Engineer, Troy, N. Y.
D. W. French, Superintendent Hackensack Water Company, Weehawken, N. J.

NOMINATING

E. E. Wall, Chairman, Water Commissioner, St. Louis, Mo.
George A. Johnson, Consulting Engineer, 150 Nassau Street, New York, N. Y.
Frank C. Jordan, Secretary Water Company, Indianapolis, Ind.
H. Hymmen, Superintendent Water Works, Berlin, Ont.
George W. Batchelder, Water Commissioner, Worcester, Mass.

ELECTROLYSIS

Albert F. Ganz, Chairman, Stevens Institute, Hoboken, N. J.
Charles R. Henderson, 114 West Third Street, Davenport, Ia.
Daniel D. Jackson, Engineering Building, Columbia University, New York.
E. E. Minor, Superintendent Water Company, New Haven, Conn.
Robert A. Jackson, Superintendent Water Company, Norristown, Pa.

REPRESENTATIVES UPON NATIONAL ELECTROLYSIS COMMITTEE

D. D Jackson, Chairman, Engineering Building, Columbia University, New York, N. Y.
Alfred D. Flinn, 2224 Municipal Building, New York, N. Y.
E. E. Minor, Syperintendent Water Company, New Haven, Conn.

REVISION OF STANDARD SPECIFICATIONS FOR CAST IRON PIPE AND SPECIALS

John H. Gregory, Chairman, Consulting Engineer, 170 Broadway, New York, N. Y.
W. H. Randall, Superintendent of Maintenance, Water Department, Toronto, Ont.
Walter Wood, President Millville Water Company, 400 Chestnut Street, Philadelphia, Pa.
Frank A. Barbour, Consulting Hydraulic and Sanitary Engineer, 1120 Tremont Building, Boston, Mass.
Edward E. Wall, Water Commissioner, St. Louis, Mo.
N. F. S. Russell, 1421 Chestnut Street, Philadelphia, Pa.

STANDARD SPECIFICATIONS FOR WROUGHT IRON PIPE

A. A. Reimer, Chairman, Engineer Water Department, East Orange, N. J.
George C. Whipple, Pierce Hall, Harvard University, Cambridge, Mass.
Frank E. Hale, Mt. Prospect Laboratory, Brooklyn, N. Y.
Lewis I. Birdsall, Columbia Heights, Minneapolis, Minn.

DEPRECIATION

John W. Alvord, Chairman, Consulting Engineer, 1417 Hartford Building, Chicago, Ill.
Daniel W. Mead, Consulting Engineer, 120 West Gorham Street, Madison, Wis.
C. B. Salmon, Public Utility Broker, Beloit, Wis.
J. N. Hazlehurst, Consulting City Engineer, Municipal Building, Chattanooga, Tenn.
W. F. Wilcox, Superintendent Central Water Works, Ensley, Ala.

PREVENTION OF STREAM AND LAKE POLLUTION

Theodore A. Leisen, Chairman, General Superintendent Board of Water Commissioners, Detroit, Mich.
Paul Hansen, Engineering Bureau, Springfield, Ill.
William C. Lounsbury, Superior Water, Light and Power Co., Superior, Wis.
M. N. Baker, Editor *Engineering News*, Tenth Avenue and Thirty-sixth Street, New York, N. Y.
C. A. Emerson, Jr., Pennsylvania State Board of Health, Harrisburg, Pa.

STANDARD SPECIFICATIONS FOR HYDRANTS AND VALVES

B. C. Little, Chairman, Superintendent Water Works, Rochester, N. Y.
Morris R. Sherrerd, City Hall, Newark, N. J.
James H. Caldwell, Civil Engineer, Troy, N. Y.
J. M. Diven, Superintendent Water Works, Troy, N. Y.
Dennis F. O'Brien, A. P. Smith Manufacturing Company, East Orange, N. J.
W. R. Conard, Savings Bank Institution, Burlington, N. J.

WATER CONSUMPTION

Edward S. Cole, Chairman, 25 Elm Street, New York, N. Y.
J. N. Chester, Hydraulic and Mechanical Engineer, Pittsburgh, Pa.
J. H. Purdy, American Water Works and Electric Company, 50 Broad Street, New York, N. Y.
William W. Brush, Municipal Building, New York, N. Y.
John H. Dunlap, State University of Iowa, Iowa City, Iowa.

PLUMBING CODE AND CONTROL OF PLUMBERS

Dow R. Gwinn, Chairman, President Water Company, Terre Haute, Ind.
George G. Earl, 502 City Hall Annex, New Orleans, La.
Scotland G. Highland, Secretary and Superintendent Water Works, Clarksburg, W. Va.

William I. Klein, 313 Inter-State Building, Kansas City, Mo.
William McCarthy, Superintendent Water Works, Bluefield, W. Va.
James R. McClintock, 170 Broadway, New York, N. Y.

MECHANICAL ANALYSIS OF SAND

Phillip Burgess, Chairman, Hydraulic Engineer, Columbus, Ohio.
George W. Fuller, 170 Broadway, New York, N. Y.
Allen Hazen, 42nd Street Building, New York, N. Y.
Edgar M. Hoopes, C.E., Chief Engineer Water Department, Wilmington, Del.
Robert Spurr Weston, Consulting Sanitary Engineer, 14 Beacon Street, Boston, Mass.

CITY PLANNING

Ernest P. Goodrich, Chairman, 35 Nassau Street, New York, N. Y.
Samuel R. Hatch, 8 Wenzell Apartments, Madison, Wis.
J. Walter Ackerman, Superintendent Water Board, Auburn, N. Y.
James W. Armstrong, Civil Engineer, Lake Montebello, Hillen Road, Baltimore, Md.
Charles B. Burdick, Consulting Engineer, 1417 Hartford Building, Chicago, Ill.

CONSTITUTION

Morris R. Sherrerd, Chairman, City Hall, Newark, N. J.
Edward Bartow, Director State Water Survey, Urbana, Ill.
Carleton E. Davis, Chief Bureau of Water, Philadelphia, Pa.
Charles R. Henderson, 114 West Third Street, Davenport, Ia.
Dabney H. Maury, Consulting Engineer, 1137 Monadnock Block, Chicago, Ill.
Robert J. Thomas, Superintendent Water Works, Lowell, Mass.

PRIVATE FIRE PROTECTION SERVICE

Nicholas S. Hill, Jr., Chairman, Consulting Engineer, 100 William Street, New York, N. Y.
George G. Earl, 502 City Hall Annex, New Orleans, La.
E. V. French, M.E., 31 Milk Street, Boston, Mass.
Frank C. Jordan, Secretary Water Company, Indianapolis, Ind.
Walter E. Miller, 1719 Madison Street, Madison, Wis.
Walter Wood, President Millville Water Company, 400 Chestnut Street, Philadelphia, Pa.

COMMITTEE TO LOOK UP PLACE FOR HOLDING CONVENTIONS

Theodore A. Leisen, Chairman, General Manager Water Department, Detroit, Mich.
J. M. Diven, Superintendent Water Works, Troy, N. Y.
Allan W. Cuddeback, Engineer and Superintendent Passaic Water Company, Paterson, N. J.

LIST OF MEMBERS

HONORARY MEMBERS

	DATE OF ADMISSION
BEMENT, R. B. C. St. Paul, Minn.	April 18, 1888
CAMERON, W. L. 2415 Avenue K, Galveston, Tex.	March 29, 1881
CAULFIELD, JOHN 412 Ashland Ave., St. Paul, Minn.	July 14, 1887
HOLLY, IRA A. 88 Button Street, New Haven, Conn.	March 29, 1881
HOLMAN, M. L. 1324 Chemical Building, St. Louis, Mo.	March 29, 1881
LECONTE, L. J. Civil and Consulting Engineer, 2501 Piedmont Avenue, Berkeley, Cal.	July 26, 1886
NAKAJIMA, Y. Imperial University, Tokyo, Japan.	July 14, 1887

ACTIVE MEMBERS

ABBOTT, C. E. Manager Water Works, Tuscaloosa, Ala.	June 8, 1916
ABBOTT, G. H. Treasurer and Superintendent Southbridge Water Supply Company, Southbridge, Mass.	June 4, 1912
ACKERMAN, J. WALTER Superintendent Water Board, Auburn, N. Y.	June 24, 1913
ADAMS, ALTON D. Public Service Engineer, Natick, Mass.	June 4, 1912
ADAMS, HENRY Consulting Engineer, 1263-69 Calvert Building, Baltimore, Md.	April 22, 1914
AHEARN, JOHN T. 1903 Adelicia Street, Nashville, Tenn.	June 7, 1904
AHRENS, ALBERT R. N. Consulting Engineer, 1630 Eleventh Avenue, Brooklyn, N. Y.,	March 4, 1915

AHRENS, HOWARD E. — July 18, 1907
President, Lewiston and Reedsville Water Co., 622 Court Street, Reading, Pa.

ALBERT, HENRY — May 14, 1915
Professor Pathology and Bacteriology, University of Iowa, Iowa City, Iowa.

ALDRICH, A. C. — May 29, 1916
Superintendent of Streets, Room 3, City Hall, Beardstown, Ill.

ALEXANDER, MONTGOMERY — April 22, 1914
Chemist and Bacteriologist, 1224 Washington Street, Wilmington, Del.

ALLEN, EDWARD B. — June 4, 1912
Chemist, 24 Walker Avenue, Troy, N. Y.

ALLEN, W. H. — May 8, 1915
Consulting Engineer, 111 West Monroe Street, Chicago, Ill.

ALLEN, WILLIAM JOHN — March 4, 1915
Chief Engineer and Bacteriologist, 329 Cory Avenue, Waukegan, Ill.

ALLIN, T. D., — July 12, 1906
Commissioner of Public Works, City Hall, Pasadena, Cal.

ALLISON, JAMES E. — June 24, 1913
300 Security Building, St. Louis, Mo.

ALVORD, JOHN W. — May 17, 1889
Consulting Engineer, 1417-18 Hartford Building, Chicago, Ill.

AMOLE, E. B. — Oct. 28, 1914
Mechanical Engineer, 16 North Warwick Avondale, Cincinnati, O.

AMOS, JOHN F. — June 8, 1909
Chief Engineer Rochester and Lake Ontario Water Company, Charlotte, N. Y.

AMSBARY, F. C. — June 11, 1902
Manager Water Company, Champaign, Ill.

ANDERS, FRANK LAFAYETTE — June 10, 1911
City Engineer, Box 185, Fargo, N. D.

ANDERSON, CHARLES — May 14, 1915
Superintendent of Pumping, Cincinnati Water Works, Cincinnati, Ohio.

ANDERSON, FRANK D. — June 13, 1916
General Meter Foreman, 2441 N. Spaulding Avenue, Chicago, Ill.

ANDERSON, J. F. — June 24, 1913
3123 Montgall Avenue, Kansas City, Mo.

ANDERSON, W. F. — May 12, 1914
Superintendent Water Works, Effingham, Ill.

ANDREWS, AMOS — May 12, 1914
Superintendent Plainfield Union Water Company, Plainfield, N. J.

ANDREWS, LEWIS P. — June 7, 1904
Manager, Secretary and Treasurer Water Company, Sedalia, Mo.

ANDREWS, ROBERT E. — June 24, 1913
National Board Fire Underwriters, 76 William Street, New York, N. Y.

ANTHONY, CHARLES — July 18, 1907
General Manager Water Company, Cassilla Correo 149, Bahia Blanca, Argentine Republic, S. A.

APPLEBAUM, SAMUEL BERNARD, C.E. — May 3, 1916
Technical Department, The Permutit Company, 259 East 182d Street, New York, N. Y.

ARMSTRONG, JAMES W., C.E. — April 27, 1910
Lake Montebello, Hillen Road, Baltimore, Md.

ARMSTRONG, ROGER W. — April 14, 1916
Assistant Engineer Board of Water Supply New York City, 250 West 54th Street, New York, N. Y.

ARMSTRONG, RAY — April 22, 1914
Superintendent Water and Sewer Department, Rome, N. Y.

ASHDOWN, E. H. — April 14, 1915
Engineer in Charge, Sewer Department, City Hall, Chicago Heights, Ill.

ATKINSON, T. R. — June 24, 1915
Consulting Engineer, Bismarck, N. D.

ATTERSALL, CHARLES F. — July 18, 1907
Superintendent Water Works, Winchester, Ky.

AUTHENRITH, A. J. — Nov. 10, 1914
Chief Engineer, Central Illinois Public Service Company, Mattoon, Ill.

AYRES, JOHN H. — May 12, 1908
208 School Street, Bennington, Vt.

AYRES, LOUIS E., C.E., B.S. — Nov. 19, 1914
290 Clairmount Avenue, Detroit, Mich.

AYRES, THOMAS H. — June 24, 1913
905 Sherman Avenue, South Bend, Ind.

BABBITT, HAROLD E. — Jan. 12, 1915
905 W. California Street, Urbana, Ill.

BABCOCK, G. H. — June 8, 1916
Superintendent Water Works, East Rochester, N. Y.

BACHMAN, FRANK — April 21, 1915
Chemist and Bacteriologist, State Board of Health, Berkeley, Cal.

BAIN, ERNEST B. — June 7, 1904
Superintendent City Water Department, Raleigh, N. C.

BAIR, MAURICE Z. — May 8, 1915
Principal Assistant Engineer State Board of Health, Page Hall, Ohio State University, Columbus, Ohio.

BAKER, M. N. — June 24, 1903
Editor *Engineering News*, 10th Avenue at 36th Street, New York, N. Y.

BALDWIN, BERT L. — June 24, 1903
Superintendent, 2529 Bell Place, Cincinnati, Ohio.

BALDWIN, FRED N. — May 14, 1915
Superintendent Water Works, Flint, Mich.

BALDWIN, HENRY DEFOREST — April 27, 1910
President Queens County Water Company, 49 Wall Street, New York City, N. Y.

BANCROFT, LEWIS M. — June 27, 1905
Superintendent Water Works, Reading, Mass.

BARBOUR, FRANK A. — July 10, 1906
Consulting Hydraulic and Sanitary Engineer, 1120 Tremont Building, Boston, Mass.

BARDWELL, R. C. — Nov. 1, 1914
Chemist, Missouri Pacific Railway Company, 627 Midland Building, Kansas City, Mo.

BARGANIER, M. E. — June 8, 1916
Meter Department, City Water Works, 116 Pelham Street, Montgomery, Ala.

BARLOW, J. E. — May 14, 1915
Civil and Hydraulic Engineer, Service Director, City Hall, Dayton, Ohio.

BARNES, T. HOWARD, — Jan. 12, 1915
Consulting Engineer, United Fruit Company, 1646 Whitehall Building, New York, N. Y.

BARNES, WM. T. — June 4, 1912
of Metcalf and Eddy, 1824 Harris Trust Building, Chicago, Ill.

BARNHARD, P. — Oct. 23, 1914
Manager Mt. Carmel Public Utility Company, Mt. Carmel, Ill.

BARRETT, CHARLES F. — June 24, 1913
Superintendent Water Works, City and County Building, Salt Lake City, Utah.

BARTLETT, CHARLES H., C.E. — Oct. 16, 1914
60 Pemberton Square, Boston, Mass.

BARTLETT, N. EMORY — June 8, 1909
Director Natrona Water Company, 115 Chestnut Street, Philadelphia, Pa.

BARTOW, EDWARD — July 10, 1906
Director State Water Survey, University Illinois, Urbana, Ill.

BASCOM, G. R. — Sept. 19, 1914
1819 University Avenue, Madison, Wis.

BASS, FREDERICK H. — July 18, 1907
429 Union Street, Minneapolis, Minn.

BASSETT, CARROL P., C.E. — July 10, 1906
Treasurer Commonwealth Water and Light Company, Summit, N. J.

BASSETT, GEORGE B., C.E. — June 15, 1898
691 W. Ferry Street, Buffalo, N. Y.

BATCHELDER, GEORGE W. — May 12, 1914
Water Commissioner, 19 City Hall, Worcester, Mass.

BATON, WARREN U. C. — July 18, 1907
Chief Analyst, 528 South Lang Avenue, Pittsburgh, Pa.

BAUEREISEN, R, J, — Aug. 24, 1915
Mechanical Engineer, C. P. Brant and Company, 710 Marquette Building, Chicago, Ill.

BAYLIS, John R. — Oct. 26, 1915
Superintendent Water Works, Jackson, Miss.

BEAN, GEORGE L. — Dec. 29, 1913
Hydraulic Engineer, 1729 N. Nineteenth Street, Philadelphia, Pa.

BEARDSLEY, JOSEPH C. — June 24, 1903
P. O. Box 237, Cleveland, Ohio.

BECK, F. E. — May 14, 1915
Engineer Board of Water Commissioners, 25 Bennett Avenue, Binghamton, N. Y.

BECKSTROM, ROSS P. — May 12, 1914
Superintendent Water Works, Rockford, Ill.

BEDELL, JAMES — May 12, 1908
Superintendent Water Works, 10 Croton Avenue, Ossining, N. Y.

BEITER, G. C. — May 13, 1916
Water Superintendent, Carroll, Iowa.

BELL, DAVID V. — June 8, 1909
Superintendent Water Companies, Union Pacific Railroad Company, 325 North Front Street, Rock Springs, Wyo.

BEMIS, EDWARD W. — June 24, 1903
4500 Beacon Street, Chicago, Ill.

BENNETT, C. G., M.E. — April 23, 1915
State Public Utilities Commission, 441 South Second Street, Springfield, Ill.

BENNETT, J. W. — June 4, 1912
Superintendent and Engineer Water Works, Oklahoma City, Okla.

BENZENBERG, G. H. — April 18, 1888
Consulting Engineer, 1310 Wells Building, Milwaukee, Wis.

BERGAN, PATRICK H. — April 22, 1914
Superintendent Water Works, Huntingdon, Pa.

BERRY, J. P. — May 27, 1896
Superintendent Water Works, Waterloo, Iowa.

BETTES, CHARLES R. — June 18, 1901
Chief Engineer Queen County Water Works, Far Rockaway, L. I., N. Y.

BEYER, ALBIN H., C.E. — June 8, 1916
Principal Assistant to Alexander Potter, 50 Church Street, New York, N. Y.

BIERTUEMPFEL, ALBERT H. — May 12, 1914
37 Vromorn Street, Newark, N. J.

BIGGS, GEORGE W. JR. — June 2, 1916
Chief Engineer, American Water Works and Electric Company, 50 Broad Street, New York, N. Y.

BIRDSALL, LEWIS I. — June 24, 1913
Supt. Filtration, Minneapolis, Minn.

BIRKINBINE, CARL P. — May 12, 1914
Hydraulic Engineer, Parkway Building, Philadelphia, Pa.

BISHOP, WESLEY — April 4, 1916
General Superintendent, Township of Chester Water Department, Moorestown, N. J.

BISHOP, WILLIAM — May 12, 1908
Doylestown, Bucks County, Pa.

BITGOOD, FREDERICK C., M.E. — June 10, 1911
1308 Traction Building, Cincinnati, Ohio.

BLACK, ERNEST B. — June 24, 1913
Consulting Engineer, Inter-State Building, Kansas City, Mo.

BLACK, GURDON G. — May 8, 1915
Engineer in Charge, Supply and Purifying Section, Water Department, 34 East Grand Avenue, St. Louis, Mo.

BLACKMORE, DAWSON — May 14, 1915
Administrative Superintendent, Cincinnati Water Works, Cincinnati, Ohio.

BLAIR, MCCREA PARKER — April 27, 1910
25 Westgate, Armstrong Point, Winnipeg, Manitoba

BLAKE, C. H. M. — July 10, 1906
Calle de la Reforma, 717 Guadalajara, Mexico.

BLAKEMAN, S. R. — Nov. 1, 1914
Superintendent Water and Light Company, Dyersburg, Tenn.

BLAKEMORE, ROBERT B. — May 14, 1915
Commissioner of Water and Sewage, Box 136, Fargo, N. D.

BLAUVELT, ALBERT — June 8, 1909
Associate Manager Western Factory Insurance Association, Insurance Exchange Building, Chicago, Ill.

BLIVEN, CHARLES H. — May 12, 1916
Superintendent Norfolk County Water Company, Norfolk, Va.

BLIVEN, GEORGE H. — July 18, 1907
Superintendent Rochester and Lake Ontario Water Company, 440 Powers Building, Rochester, N. Y.

BLOOM, WILLIAM H. — June 8, 1909
General Manager Water Company, Williamsport, Pa.

BLOSSOM, FRANCIS — July 10, 1906
Engineer and Contractor, 52 William Street, New York, N. Y.

BOARDMAN, W. H., C.E. — Sept. 7, 1893
426 Walnut Street, Philadelphia, Pa.

BOCK, FRED L. — May 9, 1915
Assistant Engineer Distribution System, 312 City Hall, St. Louis, Mo.

BOEH, W. H. — May 16, 1900
1214 Louden Avenue, Cincinnati, Ohio.

BOGART, JOHN — May 18, 1892
Consulting Engineer, 141 Broadway, New York, N. Y.

BOHMANN, HENRY P. — June 24, 1913
Superintendent Water Works, Milwaukee, Wis.

BOLLING, CHARLES E. — April 15, 1891
City Engineer, Richmond, Va.

BOOKER, WARREN H. — June 4, 1912
care of State Board of Health, Raleigh, N. C.

BOOTH, L. M. — May 12, 1914
President L. M. Booth Company, 58 Hudson Street, Jersey City, N. J.

BOOTH, WILLIAM MILLER — June 8, 1909
Chemical Engineer, Dillaye Building, Syracuse, N. Y.

BORDEN, MORO M. — June 4, 1912
310 Lees Avenue, Collingswood, N. J.

BOTT, W. A., C.E. — May 12, 1914
640 Midland Building, Kansas City, Mo.

BOUTELLE, GEORGE K. — May 12, 1908
Treasurer Kennebec Water District, Waterville, Me.

BOWKER, CHARLES L. — June 10, 1906
Superintendent Brunswick and Topsham Water District, Brunswick, Me.

BOWLES, JAMES TEN BROECK — June 8, 1909
Chemist, 39–41 West 38th Street, New York, N. Y.

BOWNE, WILLIAM E. — May 30, 1916
Engineer in Charge Pumping Station Department Water Supply Gas and Electricity of New York, Bellmore, L. I.

BOYLE, EDWARD CHARLES — April 14, 1916
General Supervisor of Filtration, E. I. du Pont de Nemours and Company, City Point, Va.

BRADLEY, EDGAR JOSEPH — June 24, 1913
Resident Engineer, Millbrook Water Works, Millbrook, South Australia.

BRAINARD, JOHN T. — May 5, 1916
Secretary Department of Water, Lancaster, Pa.

BRANDLI, H. E. — April 21, 1915
Treasurer and General Manager Citizens Gas, Electric and Heating Company, Mt. Vernon, Ill.

BREECE, M. J. — March 14, 1916
Secretary and Superintendent Galion Water Company, Galion, Ohio.

BREIDENBACH, E. H. — June 4, 1912
Manager and Superintendent Owensboro Municipal Electric and Water Softening and Purifying Plants, Owensboro, Ky.

BREITZKE, CHARLES F. — June 10, 1911
Sanitary Engineer, Jersey City Water Works, Boonton, N. J.

BRENNAN, B. C. — June 24, 1913
City Engineer, Superintendent Water Works, Kenosha, Wis.

BRICKER, R. P. — Nov. 23, 1915
Secretary Shelby Water Company, Shelby, Ohio.

BRIGHTMAN, HORACE I. — June 11, 1902
Secretary Staten Island Water Supply Company, 115 Broadway, New York, N. Y.

BRITTON, GUY, C.E. — Dec. 1, 1913
Simons, Ohio

BROOKS, JAMES E. — Oct. 16, 1914
President James E. Brooks Company, Superintendent Water Department, Glen Ridge, N. J.

BROOKS, JOHN N., C.E. — June 24, 1913
Douglaston, N. Y.

BROSSMANN, CHARLES — April 14, 1916
Consulting Engineer, 1616 Merchants Bank Building, Indianapolis, Ind.

BROWER, IRVING C. — Aug. 24, 1915
Commissioner of Public Works, Evanston, Ill.

BROWN, C. ARTHUR — June 27, 1905
Sanitary Engineer, West Erie Avenue, R. F. D. 2, Lorain, Ohio.

BROWN, C. D. — Oct. 16, 1916
Manager Walkerville Water Co., Ltd., Walkerville, Ontario, Can.

BROWN, CALVIN S. — March 15, 1882
The Belvedere, Toledo, Ohio.

BROWN, CHARLES CARROLL — May 12, 1908
Editor *Municipal Engineering*, Commercial Club Building, Indianapolis, Ind.

BROWN, CHARLES SUMNER — Jan. 8, 1916
Superintendent Water Works, Herrin, Ill.

BROWN, HORACE A., C.E. — June 10, 1911
Superintendent Water Works, Ottumwa, Iowa.

BROWN, RASSELAS W. — April 4, 1916
Superintendent and Secretary Corry Water Supply Company, Corry, Pa.

BROWN, ROBERT H. — May 12, 1908
Sanitary Engineer, Engineering Building, Columbia University, New York, N. Y.

BROWN, W. McK., C.E. — Nov. 19, 1914
300 Cahokia Building, East St. Louis, Ill.

BROWN, WALTER I. — Oct. 31, 1914
City Hall, Bangor, Me.

BRUA, E. G. — May 12, 1908
care of Associated Oil Company, 817 Sharon Building, San Francisco, Cal.

BRUCE, W. H. — June 10, 1911
Superintendent City Water Department, Fort Smith, Ark.

BRUCKMILLER, F. W. — Dec. 30, 1914
Chemist, Water Survey, 1424 Kentucky Street, Lawrence, Kan.

BRUSH, WILLIAM W. — June 10, 1911
Deputy Chief Engineer, Department Water Supply, Gas and Electricity, Municipal Building, New York, N. Y.

BRYSON, G. H., C.E. — July 18, 1907
Brockville, Ontario, Canada.

BUCK, WILLIAM H. — March 2, 1916
Engineer and Superintendent Construction, Riverton and Palmyra Water Company, Riverton, N. J.

BUCKLEY, TIMOTHY J., C.E. — June 10, 1911
Altmar, N. Y.

BUDELMAN, GEORGE A. — March 28, 1914
Assistant Engineer, Whitney Avenue, Elmhurst, Long Island, N. Y.

BUERGER, CHARLES B., C.E. — March 28, 1914
care of Atlantic Refining Company, Philadelphia, Pa.

BUKA, SIMEON — May 14, 1915
Sanitary Engineer, Pittsburgh Testing Laboratory, 6419 Bartlett Street, Pittsburgh, Pa.

BULKELEY, OSCAR — June 24, 1913
Superintendent Water Department, Jackson, Mich.

BULL, IRVING C. — June 8, 1909
Analytical and Consulting Chemist, 100 Maiden Lane, New York, N. Y.

BUNKER, GEORGE CYRUS — July 10, 1906
Gatun, Canal Zone.

BUNTING, P. G. — Feb. 8, 1916
Manager City Point Water Company, Box 11, Petersburg, Va.

BURDICK, CHARLES B. — July 18, 1907
Hydraulic and Sanitary Engineer, 1417 Hartford Building, Chicago, Ill.

BURGESS, PHILIP — June 10, 1911
Hydraulic Engineer, 828 Columbus Savings and Trust Building, Columbus, Ohio.

BURNETT, M. — April 17, 1889
Superintendent Water Works, Paducah, Ky.

BURNIE, ARTHUR N. — March 27, 1916
Assistant Superintendent Biddeford and Saco Water Company, Biddeford, Me.

BURNS, CLINTON S. — April 27, 1910
Consulting Hydraulic Engineer, 402 Interstate Building, Kansas City, Mo.

BURNS, T. W. — June 27, 1905
City Engineer and Superintendent Water Works, Fairbury, Ill.

BUSS, E. A. — May 12, 1908
Consulting Engineer, 85 Water Street, Boston, Mass.

BUSWELL, A. M. — May 10, 1916
Instructor in Sanitary Chemistry, Columbia University, New York, N. Y.

BUTLER, JAMES S. — June 10, 1911
Superintendent Public Service Commission, Yazoo City, Miss.

BUTTENHEIM, HAROLD S. — June 24, 1913
Editor *The American City*, 87 Nassau Street, New York, N. Y.

BUZZELL, ROYAL S. — Jan. 27, 1914
Chemist, Superintendent Filtration, 726 East Court Street, Flint, Mich.

CAIRD, JAMES M. — May 16, 1900
Chemist and Bacteriologist, 271 River Street, Troy, N. Y.

CALDWELL, JAMES H., C.E. — July 10, 1906
55 First Street, Troy, N. Y.

CALKINS, L. HOMER, C.E. — March 28, 1916
18 East 41st. New York, N. Y.

CALKINS, WILLIS N. — June 11, 1902
2200 Harriet Avenue, S., Minneapolis, Minn.

CALLAHAN, W. J. — July 18, 1907
Superintendent Niagara Falls Water Works, Niagara Falls, N. Y.

CALVO, ARTURO R. — April 14, 1916
Engineer The Permutit Company, 30 East 42d Street, New York, N. Y.

CAMERON, ARCHIBALD PRESTON — June 4, 1912
10 Clive St., Calcutta, India.

CAMPBELL, C. B. — May 14, 1915
Superintendent Bureau of Water, Altoona, Pa.

CAMPBELL, GEORGE A. — June 24, 1913
P. O. Box 805, Reno, Nev.

CAMPBELL, H. A., C.E. — June 8, 1909
1209 Merchants Exchange Building, San Francisco, Cal.

CAMPBELL, JAMES J. — June 11, 1902
Superintendent Water Works, Menominee, Mich.

CAPPELEN, F. W. — Sept. 7, 1893
City Engineer, 2129 Girard Avenue, Minneapolis, Minn.

CARLIN, PHILIP — April 15, 1891
Superintendent Water Works, Sioux City, Iowa.

CARLISLE, CHARLES C. — April 27, 1910
Consulting Engineer, 212 First National Bank Building, Cheyenne, Wyo.

CARLSON, MARTIN R. — Jan. 28, 1916
Mayor, City Hall, Moline, Ill.

CARR, J. A. — May 3, 1916
Superintendent Bergan Aqueduct Company, Ridgewood, N. J.

CARROLL, EUGENE — June 7, 1904
Vice-President and Manager Water Works, Butte, Mont.

CARSTEIN, LORENZ W. F. — May 8, 1915
Superintendent Long Beach Water Company, Long Beach, N. Y.

CARTER, C. D. — July 10, 1906
Superintendent Water and Sewage Department, Charlottesville, Va.

CASE, R. E. — June 9, 1916
Engineer, 50 Broad Street, New York, N. Y.

CASTLE, GEORGE J. — Nov. 24, 1914
Superintendent and Secretary, Carlinville Water Supply Co., Carlinville, Ill.

CASTON, D. L. — June 8, 1916
Superintendent Water Works, Commerce, Ga.

CATCHPOLE, C. T. — June 10, 1911
Assistant General Manager The Denver Union Water Company, P.O. Box 629, Denver, Colo.

CATLETT, GEORGE F. — June 8, 1916
Chemist and Bacteriologist Health and Water Departments, Wilmington, N. C.

CATTELL, W. A. — June 24, 1913
Consulting Engineer, Foxcroft Building, San Francisco, Cal.

CATTER, GEORGE S. — June 8, 1916
Superintendent Water Works, Springfield, Ohio.

CHAMBERS, VICTOR J. — Oct. 16, 1916
Professor of Chemistry, University of Rochester, Rochester, N. Y.

CHAMOT, E. M. — April 19, 1915
Professor Sanitary Chemistry, Cornell University, Ithaca, N. Y.

CHAMPE, GEORGE, C.E. — June 24, 1913
610 Nasby Building, Toledo, Ohio.

CHAMPION, R. B. — March 28, 1914
Superintendent Public Works, Holland, Mich.

CHESTER, CHARLES E., C.E. — Dec. 18, 1913
Manager City Water Company, Shelbyville, Ill.

CHESTER, J. N. — June 10, 1911
Hydraulic and Mechanical Engineer, Union Bank Building, Pittsburgh, Pa.

CHEYNEY, JR., GEORGE S., C.E. — Dec. 18, 1913
Genl. Supt. Mountain Water Supply Co.
922 Commercial Trust Building, Philadelphia, Pa.

CHIPMAN, WILLIS, C.E. — April 18, 1888
103 Bay Street, Toronto, Ontario, Canada.

CHISHAM, J. M. — June 11, 1902
Superintendent Water Company, Atchison, Kan.

CHRISTIE, J. G. C., C.E. — Nov. 10, 1914
706 Commercial Bank Building, Charlotte, N. C.

CLANCY, LESTER J. — May 9, 1915
Superintendent Storage Yard, Board of Water Commissioners, 729 Canton Avenue, Detroit, Mich.

CLARK, H. W. — May 29, 1895
President and General Manager Clear Water Company, Mattoon, Ill.

CLARK, RICHARD — June 27, 1905
Superintendent Water Works, Merritton, Ont.

CLARK, WILLIAM H. — June 1, 1916
Superintendent of Water Works, Avon, N. Y.

CLARKE, DAVID DEXTER, C.E. — Nov. 1, 1914
Chief Engineer Bureau of Water Works, City Hall, Portland, Ore.

CLAYTON, R. M. — April 15, 1891
Consulting Engineer, 112 Hurt St., Atlanta, Ga.

CLEMMITT, ROBERT L. — April 27, 1910
Assistant Water Engineer, City Hall, Baltimore, Md.

CLEVERDON, WALTER S. L. — April 4, 1916
Assistant Engineer, Department Water Supply, Gas and Electricity, 2323 Loring Place, Bronx, New York, N. Y.

CLIFTON, CHARLES ELMER — April 27, 1910
Chemist, 271 River Street, Troy, N. Y.

CLOWES, JOHN HENRY — June 24, 1913
Bureau of Municipal Research, 261 Broadway, New York.

COBB, CHARLES H. — June 7, 1904
Superintendent Water Works, Kankakee, Ill.

COBLEIGH, W. M. — Dec. 29, 1913
Professor of Chemistry, Montana State College, Bozeman, Mont.

COGGESHALL, R. C. P. — Dec. 30, 1914
Superintendent Water Works, New Bedford, Mass.

COLE, EDWARD S. — June 11, 1902
President, The Pitometer Company, 25 Elm Street, New York, N. Y.

COLEHOUR, R. A. — June 24, 1913
Assistant Water Engineer, 3517 Du Pont Avenue, South, Minneapolis, Minn.

COLLINS, F. W. — May 19, 1916
Superintendent Water Works, Box 258, Manistee, Mich.

COLLINS, GEORGE J. S. — July 18, 1907
414 Bee Building, Omaha, Neb.

CONARD, W. R. — June 7, 1904
Savings Institution Building, Burlington, N. J.

CONNOR, F. J. — May 16, 1900
Superintendent Water Works, Sioux Falls, S. D.

CONNOR, VIRGIL R. — May 12, 1908
Trustee Kennebec Water District, Fairfield, Me.

CONRAD, L. E. — May 14, 1915
Professor Civil and Highway Engineering, 317 N. 17th Street, Manhattan, Kans.

CONVERSE, WILLIAM A. — June 8, 1909
Chemist, McCormick Building, Chicago, Ill.

CONWAY, G. R. G. — June 8, 1909
409 Royal Bank Building, Toronto, Ontario, Canada.

COOK, JOHN H. — July 10, 1906
Hydraulic Engineer East Jersey Water Company, 158 Ellison Street, Paterson, N. J.

COOLEY, LYMAN E. — Nov. 19, 1914
Consulting Engineer, Sanitary District, 20 West Jackson Boulevard, Chicago, Ill.

COOPER, GEORGE F. — May 12, 1914
Secretary and Treasurer Water Works, Xenia, Ohio.

COOPER, SAMUEL W. — May 12, 1914
Civil and Hydraulic Engineer, Lewistown, Pa.

COPPOCK, WILLIAM — June 24, 1913
Board of Trustees, Council Bluffs, Iowa.

CORBIN, CLEMENT K. — May 12, 1908
President Bergen Water Company, 243 Washington Street, Jersey City, N. J.

CORBIN, H. K. — April 16, 1914
Contractor, 30 Church Street New York, N. Y.

CORIN, MAGNUS F. — April 27, 1910
Chemist, 511 Hansberry Street, Germantown, Pa.

CORR, ANDREW S. — June 27, 1905
Inspector, 350 Thomas St., Phillipsburg, N. J.

COSCULLUELA, JUAN ANTONIO — June 24, 1913
Calle D, 10 Vedado, Havana, Cuba.

COTHRAN, THOMAS W., C.E. — June 4, 1913
114 Blake Street, Greenwood, S. C.

COULT, F. H. — Oct. 23, 1914
Consulting Engineer, 1415 Chemical Building, St. Louis, Mo.

COVENTRY, HENRY G. — June 10, 1911
6 Morella Road, Wandsworth Common, London, S. W., England.

COWAN JOHN D. — April 14, 1916
City Water Commissioner, Waukon, Iowa.

COX, HOMER F. — May 12, 1914
Chief Engineer Scranton Gas and Water Company, 430 Colfax Avenue, Scranton, Pa.

COXE, WILLIAM G. — April 14, 1916
Water Commissioner, 1005 Broome Street, Wilmington, Del.

CRAMER, W. S., — May 12, 1908
Chief Engineer Water Works Company, P.O. Box 42, Lexington, Ky.

CRICHTON, ANDREW B. — April 21, 1915
Secretary and Treasurer Portage Water Company, Johnstown, Pa.

CRIPPS, GEORGE E. — June 8, 1909
Superintendent Water Works Repair Department, 18 Eagle Street, Rochester, N. Y.

CROLL, EMIL A. — Sept. 7, 1893
Superintendent Water Works, Iron Mountain, Mich.

CROXEN, C. A. — Feb. 5, 1916
Superintendent Taxpayers Municipal Water Works, 105 East Montgomery, Creston, Iowa.

CROZIER, RAY — April 21, 1915
Engineer and Superintendent Peoria Water Works, Peoria, Ill.

CUDDEBACK, ALLAN W. — June 7, 1904
Engineer and Superintendent Passaic Water Company, 158 Ellison Street, Paterson, N. J.

CULYER, THURSTON C. — June 26, 1916
Engineer Watershed Division Department, Water Supply, Gas and Electricity of New York, Purdy Station, Westchester County, N. Y.

CUMMIN, GAYLORD C., C.E. — June 4, 1912
City Manager, Jackson, Mich.

CURLEE, WARD — March 4, 1915
City Engineer, Swift Current, Saskatchewan.

CURRAN, H. C. — May 12, 1914
Superintendent Water Works, Waterford, N. Y.

CURTIN, WALTER R. — Oct. 26, 1915
Assistant Engineer Peoples Water Company, 477 38th Street, Oakland, Cal.

CUTTS, FRANCIS T. — June 15, 1914
Assistant Water Commissioner, 312 City Hall, St. Louis, Mo.

DAGGETT, FRED W. — Jan. 28, 1916
Superintendent Filtration Plant, Trenton, N. J.

DALLYN, F. A., C.E. — Dec. 18, 1913
Provincial Sanitary Engineer, 137 Geoffrey Street, Toronto, Ontario.

DANIELS, PAUL I. — Oct. 25, 1915
Assistant Chief Engineer Peoples Water Company, 1622 Fernside Boulevard, Alamida, Cal.

DAPPERT, JAMES W., C.E. — Oct. 23, 1914
Lock Box 141, Taylorville, Ill.

DAVIDSON, GEORGE M. — April 19, 1915
Chemist and Engineer of Tests C. & N. W. Ry. Shops, Chicago, Ill.

DAVIS, CARLETON E. — June 24, 1913
Chief Bureau of Water, Philadelphia, Pa.

DAVIS, DAVID — Dec. 18, 1913
Litchfield, Ill.

DAVIS, E. E. — May 12, 1908
Superintendent Water Works Department, Richmond, Va.

DAVIS, FRANK J. — May 13, 1916
Superintendent Ansonia Water Company, 100 Main Street, Ansonia, Conn.

DAVIS, GEORGE JACOB — Oct. 31, 1914
Dean, University of Alabama, University P. O., Ala.

DAVISSON, W. C. — June 4, 1912
Vice-President and Treasurer, West Virginia Water and Electric Co., Charleston, W. Va.

DAW, LAWRENCE — May 13, 1916
Chief Engineer Underwriter Association of New York, 700 Gurney Building, Syracuse, N. Y.

DAWSON, R. C. — June 8, 1916
Superintendent Water Department, City Hall, Bay City, Mich.

DEBERARD, W. W. — June 4, 1912
Western Editor *Engineering Record*, 1570 Old Colony Building, Chicago, Ill.

DEVARONA, I. M. — June 4, 1912
805 St. Nicholas Ave., New York, N. Y.

DEWOLF, FRANK W. — April 9, 1915
Director State Geological Survey, Urbana, Ill.

DECKER, A. CLINTON — June 15, 1915
Chemist, Bacteriologist and Sanitary Engineer, P. O. Box 790, Birmingham, Ala.

DECKER, JOHN H. — July 18, 1907
Bartlett Building, Atlantic City, N. J.

DENMAN, ARTHUR R. — June 8, 1909
Board Street and Water Commissioners, 790 Broad Street, Newark, N. J.

DENMAN, CHARLES SING — Dec. 22, 1915
General Manager Des Moines Water Company, Des Moines, Iowa.

DENNETT ROBERT C. — May 12, 1914
Hydraulic Engineer, care of National Board Fire Underwriters, 76 William Street, New York, N. Y.

DESSERY, FLOYD C. — April 27, 1910
Civil and Hydraulic Engineer, Suite 511-514 Central Building, Los Angeles, Cal.

DEWEY, ALVIN H. — June 4, 1912
Vice-President and General Manager Rochester and Lake Ontario Water Company, 440 Powers Building, Rochester, N. Y.

DEVINE, WILLIAM J., C.E. — July 18, 1907
Superintendent Ambler Spring Water Company, Ambler, Pa.

DILL, H. A. — May 16, 1900
Superintendent Water Works, Richmond, Ind.

DITTOE, W. H. — March 28, 1914
Chief Engineer Ohio State Board of Health, Columbus, Ohio.

DIVEN, J. M. — April 16, 1884
Superintendent Water Works, Troy, N. Y.

DIVEN, J. M., JR., C.E. — June 4, 1913
47 State Street, Troy, N. Y.

DOCKWEILER, JOHN H., C.E. — May 12, 1908
Rooms 624-5, Crocker Building, San Francisco, Cal.

DONAHUE, J. P. — April 16, 1884
Secretary and Treasurer Water Company, Davenport, Iowa.

DONALDSON, WELLINGTON — April 27, 1910
Sanitary Engineer, American Water Works and Electric Company, 50 Broad Street, New York, N. Y.

DONNAN, ALVAN — July 18, 1907
Secretary Waynesburg Water Company, Washington, Pa.

DOTEN, LEONARD S. — Oct. 23, 1914
Hydraulic and Sanitary Engineer, 714 Euclid St., N. W., Washington, D. C.

DOWNES, JOHN R. — July 10, 1906
Sewage Disposal Plant, Corner Rock and Myrtle Ave., Plainfield, N. J.

DRAKE, DR. C. ST. CLAIR — Jan. 15, 1916
Secretary State Board of Health, Springfield, Ill.

DRAKE, CHESTER F. — April 27, 1910
Division Superintendent Pittsburgh Filtration Plant, Aspinwall, Pa.

DREW, JOHN A. — May 13, 1916
President Castle Heights Water Company, 90 West Street, New York, N. Y.

DRISCOLL, MARTIN A. — July 10, 1906
President Haverstraw Water Supply Company, Haverstraw, N. Y.

DUMOULIN, W. L. — June 10, 1911
Superintendent The Morenci Water Company, Morenci, Arizona.

DUENCKEL, FRED. W. — July 28, 1914
Chemist, 2912 Ellendale Avenue, St. Louis, Mo.

DUGGAN, THOMAS R., PH.D., F.I.C. — Dec. 18, 1913
Chemists Club, 52 East Forty-first Street, New York, N. Y.

DUNHAM, H. F., C.E. — April 16, 1884
220 Broadway, New York, N. Y.

DUNLAP, FRED C. — May 12, 1908
Consulting Engineer, Oak Lane, Philadelphia, Pa.

DUNLAP, JOHN H. — Oct. 23, 1914
Assistant Professor Hydraulics and Sanitary Engineering, State University of Iowa, Iowa City, Iowa.

DUNWOODY, J. H. — June 24, 1913
Chemist, Water Department, Erie, Pa.

DURLAND, SMITH N. — Jan. 27, 1914
Cashier Queens County Water Company, 15 John Street, Far Rockaway, N. Y.

DURST, J. ARTHUR, M.E. — May 12, 1914
112 North Broad Street, Philadelphia, Pa.

DUTTON, MARSHALL S. — Dec. 22, 1915
Municipal and Sanitary Engineer, Central Illinois Public Service Company, Lawrenceville, Ill.

DWYER, CORNELIUS — Oct. 16, 1914
18 Chuctanunda Street, Amsterdam, N. Y.

EARL, GEORGE GOODELL — July 18, 1907
General Superintendent Sewerage and Water Board, 502 City Hall Annex, New Orleans, La.

EARL, RALPH — June 13, 1916
Hydraulic Engineer, 1419 Henry Clay Avenue, New Orleans, La.

EASTERLING, R. A. — March 28, 1914
Superintendent Electric Light and Water Works, Union, S. C.

EASTWOOD, JOHN THOMPSON — June 8, 1909
Principal Assistant Engineer Sewerage and Water Board, City Hall Annex, New Orleans, La.

EDWARDS, WILLIAM R. — April 16, 1914
Superintendent Meter Department, Passaic Water Company, 156 Ellison Street, Paterson, N. J.

EGLOF, JOHN HENRY, C.E. — June 4, 1912
145 Hoosick Street, Troy, N. Y.

EHRET, LOUIS DAVID — June 11, 1911
Chief Engineer City Water Works, Sacramento, Cal.

ELDREDGE, GUY — Dec. 29, 1913
Chemist, Superintendent of Filtration, 920 Fournier Street, Fort Worth, Texas.

ELDRIDGE, H. D. — April 14, 1916
Treasurer Princeton Water Works, Princeton, N. J.

ELLIOTT, G. A. — May 14, 1915
Engineer Spring Valley Water Company, 1270 Sacramento Street, San Francisco, Cal.

ELLIOTT, ROBERT — April 22, 1914
Water Commissioner, Nashville, Tenn.

ELLIS, GEORGE R. — July 18, 1907
18 East 41st Street, New York, N. Y.

ELLIS, ROBERT N. — May 21, 1890
Board of Bond Trustees, Jacksonville, Fla.

ELLSWORTH, HARRY — July 18, 1907
Superintendent Water and Light Department, Meadville, Pa.

ELROD, HENRY E. — March 1, 1916
Consulting Engineer, Interurban Building, Dallas, Texas.

ELWOOD, FREDERICK T. — May 12, 1908
City Engineer, Rochester, N. Y.

ELY, HOWARD M. — June 8, 1909
Superintendent Water Company, Danville, Ill.

EMERSON, JR., C. A. — May 12, 1908
Acting Chief Engineer, Pennsylvania State Department of Health, Harrisburg, Pa.

ENGER, M. L. — April 23, 1915
Assistant Professor Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill.

ENGLAND, R. G., C.E. — Sept. 19, 1914
Fargo Engineering Company, 304 Commonwealth Building, Jackson, Mich.

ENGH, HARRY MARIUS — March 27, 1916
Civil and Appraisal Engineer, American Appraisal Company, Milwaukee, Wis.

ENGLE, S. G. — Nov. 10, 1914
City Chemist, 664 Connecticut Street, Gary, Ind.

ENO, F. H., C.E. — Dec. 1, 1913
Ohio State University, Columbus, Ohio.

ERICSON, JOHN E. — June 7, 1887
848 Lakeside Place, Chicago, Ill.

ERVAST, ANDREW, C.E. — May 12, 1908
Union Building, San Diego, Cal.

ETNYRE, S. L. — May 14, 1915
Superintendent Water Works, Council Bluffs, Iowa.

ETZEL, GEORGE C. — June 8, 1916
Analyst, 1101 12th Avenue, Rock Island, Ill.

EVERETT, CHESTER M. — May 14, 1915
of Hazen, Whipple & Fuller, 30 East 42d Street, New York, N. Y.

EVERETTE, DR. WILLIS EUGENE — Jan. 5, 1914
Consulting Technologist, 3512 South Eleventh Street, Tacoma, Wash.

EVINGER, M. I. — April 27, 1910
Associate Professor Hydraulic and Sanitary Engineering, Iowa State College, Ames, Iowa.

EWING, JAMES — June 24, 1913
Hunter District Water Supply and Sewerage Board, Newcastle, N.S.W., Australia.

EYMER, HERMAN H. — June 4, 1912
City Engineer, Saginaw, Mich.

FALLER, C. — June 8, 1909
Superintendent Carlisle Gas and Water Company, Carlisle, Pa.

FAWKES, ARTHUR WALTER ELLSON — June 24, 1913
Water Works Engineer, Calgary, Alberta, Canada.

FELIX, GEORGE H. — Sept. 7, 1893
138 North Ninth Street, Reading, Pa.

FELLOWS, A. LINCOLN — June 10. 1911
Hydraulic Engineer, 946 Equitable Building, Denver, Colo.

FELLOWS, C. L. — June 7, 1904
Water Works Engineer, 39 Lowther Ave., Toronto, Canada.

FELLOWS, FREDERICK L. — July 18, 1907
Supervising Engineer, Vancouver, B. C.

FEREBEE, JAMES L. — Sept. 19, 1914
care of Sewerage Commission, City Hall, Milwaukee, Wis.

FERGUSON, HARRY FOSTER — Nov. 10, 1914
Assistant Engineer, Illinois State Water Survey, Urbana, Ill.

FERGUSON, S. F. — Jan. 12, 1915
Consulting Engineer, 100 William Street, New York, N. Y.

FIELD, FREDERICK E. — March 14, 1915
Resident Engineer Filtration Works, Atwater Avenue, Montreal, Canada.

FIGG, J. P. — July 18, 1907
Superintendent Water Works, Savannah, Ga.

FILBERT, WILLIAM D. — April 27, 1910
Secretary Womelsdorf Consolidated Water Company, 143 West Greenwich Street, Reading, Pa.

FINKLE, F. C. — June 24, 1912
Consulting Hydraulic Engineer, 449 I. W. Hellman Building, Los Angeles, Cal.

FINLEY, CHARLES A. — April 27, 1910
Superintendent Water Supply and Distribution, 524 Oliver Building, Pittsburgh, Pa.

FISCHER, CHARLES H. — June 27, 1914
Fire Protection Engineer, 2830 Hudson Boulevard, Jersey City, N. J.

FISHER, DAVID G. — May 15, 1915
Consulting Engineer, 305 Bechtel Building, Davenport, Iowa.

FISHER, E. A. — June 4, 1912
Consulting Engineer, Rochester, N. Y.

FISHER, E. P. — May 14, 1915
Superintendent London Water Works Company, London, Ohio.

FISHER, L. A. — Jan. 27, 1914
P. O. Box 198, Concord, N. C.

FITCH, JAY L. — Nov. 1, 1914
Superintendent State Water Works, Anna. Ill.

FITHIAN, FRANK S. — Feb. 8, 1916
Chief Clerk Water Department, City Hall, Camden, N. J.

FITZPATRICK, JAMES R., C.E. — June 27, 1905
General Manager Grand Rapids Hydraulic Company, Grand Rapids, Mich.

FLAA, INGWALD E. — May 14, 1915
Assistant Engineer Spring Valley Water Company, 375 Sutter Street, San Francisco, Cal.

FLAD, EDWARD — July 23, 1916
Consulting Engineer, DeMerril Building, St. Louis, Mo.

FLANAGAN, JOHN C. — June 24, 1913
Secretary Board of Water Commissioners, St. Paul, Minn.

FLATLEY, JAMES P. — June 8, 1909
Superintendent Water Company, Green Bay, Wis.

FLEMING, VIRGIL R. — April 14, 1915
204 Laboratory Applied Mechanics, Urbana, Ill.

FLINN, ALFRED DOUGLAS — March 1, 1916
Deputy Chief Engineer Board of Water Supply, Room 2224 Municipal Building, New York, N. Y.

FOERSTERLING, DR. HANS — June 12, 1916
380 High Street, Perth Amboy, N. J.

FLOY, HENRY — Dec. 20, 1915
Consulting Engineer, 165 Broadway, New York, N. Y.

FOLWELL, A. PRESCOTT — July 10, 1906
Editor *Municipal Journal and Engineer*, 50 Union Square, New York, N. Y.

FOSS, W. E. — July 10, 1906
Chief Engineer Metropolitan Water Works, 1 Ashburton Place, Boston, Mass.

FOSTER, ERNEST H., — June 18, 1901
Mechanical Engineer, 111 Broadway, New York, N. Y.

FOULK, C. W. — Jan. 12, 1915
Professor of Analytical Chemistry, Ohio State University, Columbus, Ohio.

FOWLER, ARTHUR G. — April 27, 1910
Superintendent Water Works, R. F. D. No. 3, Cumberland, Md.

FOWLER, EDWARD A. — April 27, 1910
Assistant Engineer Sewerage and Water Board, City Hall Annex, New Orleans, La.

FOWLES, BYRON C. — May 12, 1908
Manager Light and Water Company, Pine Bluff, Ark.

FOX, ALLEN L. — Feb. 29, 1916
Civil Engineer, Chicago Heights, Ill.

FOX, CHARLES L. — June 4, 1912
Assistant Superintendent Pennsylvania Water Company, 701 Wood Street, Wilkinsburg, Pa.

FRANCIS, WALTER J. — April 4, 1916
Consulting Engineer, 260 St. James Street, Montreal, Canada.

FRANK, FRED W. — July 18, 1907
Secretary and Manager Water Works, Brantford, Ontario, Canada.

FREDERICK, W. DAYTON — May 12, 1914
Bridgeton Water Works, Bridgeton, N. J.

FREEMAN, JOHN R. — Oct. 16, 1914
Consulting Engineer, 235 Arlington Avenue, Providence, R. I.

FREILING, HENRY J. — May 12, 1914
Assistant Superintendent Water Works, Hannibal, Mo.

FRENCH, D. W. — May 29, 1895
Superintendent Hackensack Water Company, P.O. Box 98, Weehawken, N. J.

FRENCH, DUDLEY K. — Feb. 25, 1914
Chemist, Dearborn Chemical Company, 2005 McCormick Building, Chicago, Ill.

FRENCH, E. V., M.E. — July 10, 1906
31 Milk Street, Boston, Mass.

FRITZE, L. A. — Jan. 15, 1916
City Chemist, Y. M. C. A., Moline, Ill.

FROST, WADE H. — April 21, 1915
U. S. Public Health Service, 3d and Kilgour Streets, Cincinnati, O.

FUERTES, JAMES H. — July 10, 1906
Consulting Engineer, 140 Nassau Street, New York, N. Y.

FULLER, ALLEN J. — June 18, 1901
General Superintendent Bureau of Water, City Hall, Philadelphia, Pa.

FULLER, FRANK L., C.E. — July 10, 1906
12 Pearl Street, Boston, Mass.

FULLER, GEORGE W. — June 15, 1898
170 Broadway, New York, N. Y.

FULLER, M. S. — June 4, 1912
Trustee Kennebec Water District, R. F. D. 40, Waterville, Me.

FULLER, W. A. — Oct. 14, 1914
Consulting Engineer, 1415 Chemical Building, St. Louis, Mo.

FULLER, WILLIAM B. — July 18, 1907
Consulting Engineer, 150 Nassau Street, New York, N. Y.

FULPER, JOSEPH E. — March 1, 1916
Superintendent and Secretary Washington Water Company, Washington, N. J.

FULTON, D. F. — May 15, 1915
City Engineer, City Hall, Yonkers, N. Y.

GABY, FREDERICK A. — Feb. 8, 1916
Chief Engineer, Hydro-Electric Power Company of Ontario, 190 University Avenue, Toronto, Ontario, Canada.

GADFIELD, C. E. — June 8, 1916
Superintendent Board of Public Works, Wellington, Ohio.

GADSBY, G. M. — June 8, 1916
Operating Department American Water Works and Electric Company, 50 Broad Street, New York, N. Y.

GALLAGHER, H. A. — June 8, 1909
Manager Water Company, Independence, Mo.

GALLAGHER, J. P. — Oct. 16, 1914
Superintendent Water Works, Canton, Ill.

GANZ, ALBERT F. — June 4, 1912
Stevens Institute, Hoboken, N. J.

GARMAN, H. O. — May 30, 1916
Chief Engineer Indianapolis Public Utilities Commission, 2062 N. Meridian Street, Indianapolis, Ind.

GATES, H. V. — June 7, 1904
President Hillsboro Power and Investment Company, Hillsboro, Ore.

GAUB, JOHN — Oct. 13, 1913
Chemical Engineer Filtration Plant, Washington, D. C.

GAVETT, WESTON — Nov. 10, 1914
Chemist and Bacteriologist, 312 West 5th Street, Plainfield, N. J.

GEAR, PATRICK — June 24, 1913
Superintendent Water Department, Holyoke, Mass.

GEHRMANN, DR. ADOLPH — Nov. 19, 1914
Consulting Bacteriologist, 31 N. State Street, Chicago, Ill.

GELSTON, W. R. — July 18, 1907
Superintendent Citizens Water Works Company, Quincy, Ill.

GERBER, WINFRED D. — April 19, 1915
Civil and Sanitary Engineer, 1203-8 Dearborn Street, Chicago, Ill.

GICLAS, ELI — June 27, 1905
Chief Engineer Arizona Lumber and Timber Company, Flagstaff, Ariz.

GIDEON, ABRAHAM, C.E. — June 8, 1909
Chief Engineer Sewer and Water Works Construction, Manila, P. I.

GILCHRIST, CHARLES B. — May 12, 1914
Assistant Superintendent Water Works, Newburgh, N. Y.

GILLESPIE, C. G. — June 10, 1911
Chief Engineer, Sanitary Engineering Department State Board of Health, Civil Engineering Building, Berkeley, Cal.

GILMAN, CHARLES EDWARD — June 4, 1912
Consulting Hydraulic Engineer, 851 Calmar Avenue, Oakland, Cal.

GLOVER, ALBERT S. — April 22, 1885
Secretary Hersey Manufacturing Company, 714 Tremont Temple, Boston, Mass.

GOENTNER, WILLIAM B. — June 8, 1909
Hydraulic Engineer, Willow Grove, Pa.

GOLDSMITH, CLARENCE — Dec. 27, 1915
Hydraulic Engineer National Board Fire Underwriters, 76 William Street, New York, N. Y.

GOODRICH, ERNEST P. — Oct. 28, 1915
Consulting Engineer, 35 Nassau Street, New York, N. Y.

GORDON, T. C. — Jan. 28, 1916
Secretary-Treasurer, General Manager Water Works, Little Falls, Minn.

GORE, WILLIAM — May 30, 1916
Consulting Engineer, c/o John ver Mehr Engineering Company, 154 Simcoe Street, Toronto, Ont.

GOODELL, J. M. — April 22, 1885
Hydraulic Engineer, 106 Loraine Avenue, Upper Montclair, N. J.

GOODLAND, JOHN, JR. — June 24, 1913
Commissioner, Appleton, Wis.

GOULD, J. W. DUB. — Oct. 16, 1914
30 Church Street, New York, N. Y.

GOULD, William H. — Dec. 18, 1913
Sanitary Engineer, 25-26 Naseby Building, Toledo, Ohio.

GRAF, AUGUST V. — June 15, 1914
Chemist, St. Louis Water Works, 34 East Grand Avenue, St. Louis, Mo.

GRAHAM, DOUGLAS, C.E. — June 8, 1909
1137-8 Monadnock Block, Chicago, Ill.

GRAHAM, JAMES W. — June 4, 1912
16 Casco Street, Portland, Me.

GRANTHAM, C. M. — June 1, 1916
Superintendent Water Department, Goldsboro, N. C.

GRASTY, E. C. — June 1, 1916
Owner and Manager Water, Electric Light and Telephone Company, Winkelman, Ariz.

GRAYSON, THEODORE J. — June 23, 1915
President New Jersey Water Service Company, 1327 Real Estate Trust Building, Philadelphia, Pa.

GREELEY, SAMUEL A. — July 18, 1907
Winnetka, Ill.

GREEN, F. W. — Dec. 22, 1915
Superintendent Filtration and Pumping, Montclair Water Company, Little Falls, N. J.

GREEN, FREDERICK — May 12, 1914
Superintendent Commonwealth Water and Light Company, 47 Mountain Avenue, Summit, N. J.

GREEN, PAUL EVANS — April 14, 1915
Civil and Sanitary Engineer, 17 N. LaSalle Street, Chicago, Ill.

GREENALCH, WALLACE — July 18, 1907
Commissioner Public Works, Albany, N. Y.

GREGORY, JOHN HERBERT — July 10, 1906
Consulting Engineer, 170 Broadway, New York, N. Y.

GRIEVE, THOMAS — April 16, 1914
Superintendent Water Works, City Hall, Perth Amboy, N. J.

GRISWOLD, F. M. — July 18, 1907
Insurance Engineer, 56 Cedar Street, New York, N. Y.

GRISWOLD, PROF. HORACE SETH — June 10, 1911
210 Court Street, Binghamton, N. Y.

GROSBERNT, FRED H. — May 14, 1915
Superintendent Construction, 2621 National Avenue, Dayton, Ohio.

GROSS, GEORGE L. — June 24, 1913
Secretary Water and Light Department, Duluth, Minn.

GROVE, EDWARD H. — June 24, 1913
Index Clerk, Water Registrar's Office, Municipal Building, Washington, D. C.

GUBELMAN, FRED. J. — June 7, 1897
47 West 34th Street, New York, N. Y.

GUSHEE, EDWARD G. — May 12, 1908
Second Assistant Engineer Bureau of Water, 2122 North 28th Street, Philadelphia, Pa.

GWINN, DOW R. — Sept. 7, 1893
President Water Company, Terre Haute, Ind.

HABERMEYER, GEORGE CONRAD — April 14, 1915
Hydraulic and Sanitary Engineer, 395 Prairie Street, Aurora, Ill.

HADDEN, S. C. — June 4, 1912
The Novelty News, 9 South Clinton Street, Chicago, Ill.

HALE, DR. FRANK E. — May 12, 1908
Director of Laboratories, Mount Prospect Laboratory, Flatbush Avenue and East Parkway, Brooklyn, N. Y.

HALE, RICHARD KING, C.E. — June 10, 1911
529 Chestnut Hill Avenue, Brookline, Mass.

HALL, ALBERT S. — May 16, 1900
Superintendent Kennebec Water District, Waterville, Me.

HALL, HARRY R. — May 8, 1915
Assistant Chief Engineer State Department of Health, 16 West Saratoga Street, Baltimore, Md.

HALL, J. W. — June 7, 1904
Manager, San Joaquin District, Water Department Pacific Gas and Electric Company, Stockton, Cal.

HALPIN, GEORGE R. — June 13, 1916
Superintendent Water Works, Watervliet, N. Y.

HALPIN, THOMAS F. — July 18, 1907
Water Commissioner, Newark, N. J.

HAMILTON, CHARLES E. — June 28, 1915
Vice-President and Secretary, Hamilton Utilities Company, Carbondale, Ill.

HAMMER, EDWIN W. — May 12, 1914
Consulting Engineer, 55 John Street, New York, N. Y.

HAMMOND, W. H. — June 24, 1914
Superintendent Lindsay Water Works, Lindsay, Ontario, Canada.

HANDY, JAMES OTIS — May 8, 1915
Director Pittsburg Testing Laboratory, 906 Bedford Avenue, Pittsburgh, Pa.

HANFORD, WESLEY W. — Nov. 1, 1914
Chemist and Bacteriologist, State Public Health Laboratory, University, North Dakota.

HANSEN, PAUL — June 4, 1912
Chief Engineer State Board of Health, Engineering Bureau, Springfield, Ill.

HANSSEN, HENRY M., C.E. — June 24, 1913
City Engineer, Carroll, Iowa

HAPGOOD, LYMAN P. — June 8, 1909
Superintendent Department of Water & Light, Box 253, Jamestown, N. Y.

HARBY, ROBERT — June 8, 1916
Superintendent Water Works, Liberty, N. Y.

HARDGRAVE, A. — June 15, 1914
Civil and Electrical Engineer, Room 1500, 72 West Adams Street, Chicago, Ill.

HARDING, GEORGE — June 24, 1913
Manager, 1105 Paulsen Building, Spokane, Wash.

HARDING, ROBERT J. — Oct. 23, 1914
Vice-President San Antonio Water Supply Company, 106 Market Street, San Antonio, Texas.

HARDY, EDWARD DANA — May 12, 1908
Superintendent Aqueduct and Filtration Plant, Washington, D. C.

HARGREAVES, JOHN — June 8, 1916
Government Hydraulic Engineer, Water Supply Department, Brisbane, Queensland, Australia.

HARPER, E. F. — April 9, 1915
City Engineer, 630 North 31st Street, East St. Louis, Ill.

HARPER, L. V. — Aug. 19, 1914
Manager Chelan Electric Company, Chelan, Wash.

HARRIS, CHARLES R. — June 10, 1911
Cashier Portland Water District, 33 Plum Street, Portland, Me.

HARRIS, H. M. — May 13, 1916
Superintendent Water Works, Jackson, Tenn.

HARRIS, R. C. — May 12, 1914
Commissioner of Works, City Hall, Toronto, Ontario, Canada

HARRISON, JOHN H. — April 16, 1914
Kingston Water Department, Kingston, N. Y.

HARRUB, C. NELSON — Dec. 30, 1914
Sanitary Engineer, 33 Pendleton Street, New Haven, Conn.

HARTON, W. H. — May 12, 1914
Union Light, Heat and Water Company, Covington, Ky.

HASELTINE, W. E. — June 24, 1913
Manager Ripon Light and Water Company, Ripon, Wis.

HASKINS, C. A. — June 25, 1914
Engineer State Board of Health, University of Kansas, Lawrence, Kan.

HATCH, EDWARD L. — July 10, 1906
General Manager Stamford Water Company, Stamford, Conn.

HATCH, SAMUEL R. — June 4, 1912
8 Wengel Apartments, Madison, Wis.

HATTON, T. CHALKLEY — June 11, 1902
Chief Engineer, City Hall, Milwaukee, Wis.

HATTON, WILLIAM J. — May 12, 1908
211 Ogden Avenue, Escanaba, Mich.

HAUSER, STEPHAN J. — May 14, 1915
Chemist and Bacteriologist, 1669 Cedar Avenue, College Hill, Cincinnati, Ohio.

HAWKINS, H. C. — Dec. 22, 1915
City Engineer, Oskaloosa, Ia.

HAWLEY, W. C. — April 27, 1910
Chief Engineer and General Superintendent Pennsylvania Water Company, 701 Wood Street, Wilkinsburg, Pa.

HAYDEN, JAMES F. — Jan. 27, 1914
Inspector of Hydrants, etc., 1601 Forty-fifth Street, Brooklyn, N. Y.

HAYES, W. D. — April 23, 1915
Assistant State Bacteriologist and Chemist, State Board of Health, Jacksonville, Fla.

HAYFORD, B. B. — June 8, 1909
Superintendent Water Works, Waukeshaw, Wis.

HAZEN, ALLEN, C.E. — May 27, 1896
42nd Street Building, New York, N. Y.

HAZLEHURST, GEORGE H. — Nov. 1, 1914
Resident Engineer in charge of Construction, Box 416, La Grange, Ga.

HAZLEHURST, J. N. — July 10, 1906
Consulting Engineer, Municipal Building, Chattanooga, Tenn.

HEAD, COTESWORTH BRADWAY — May 14, 1915
Purchasing Agent Spring Valley Water Co., 375 Sutter Street, San Francisco, Cal.

HEARD, ALBERT — July 18, 1907
Superintendent and Treasurer, Hagerstown, Md.

HECHT, J. L. — June 10, 1911
Mechanical Engineer Public Service Company, 72 West Adams Street, Chicago, Ill.

HEERMANS, H. C. — June 26, 1886
Manager Water Works Company, Hoquiam, Wash.

HELLER, F. P. — May 12, 1908
Water Commissioner, 236 Penn Street, Reading, Pa.

HELLER, GEORGE M., C.E. — June 13, 1916
2307 Woolworth Building, New York, N. Y.

HENBY, WILLIAM H. — May 14, 1915
Secretary and Manager West St. Louis Water & Light Co., 6600 Delmar Avenue, St. Louis, Mo.

HENDERSON, CHARLES R. — June 18, 1901
114 West Third Street, Davenport, Iowa.

HENDERSON, JOHN BAILLIE, C.E. — Sept. 27, 1915
Monkira, Hawthorn, Brisbane, Queensland, Australia.

HENDRICK, WALLACE M. — May 14, 1915
Assistant Engineer New York Continental Jewell Filtration Company, 11 Clarkson Avenue, Brooklyn, N. Y.

HENRY, EDWARD WILLIAM — May 12, 1908
Superintendent Meter Department, 450 Fairmont Avenue, Jersey City, N. J.

HERDMAN, F. E. — Oct. 26, 1914
Manager and Engineer Water and Light Property, Winnetka, Ill.

HERING, RUDOLPH — July 14, 1887
Hydraulic and Sanitary Engineer, 170 Broadway, New York, N. Y.

HERR, J. O. — June 8, 1916
Superintendent Atlantic County Water Company of New Jersey, 232 North Main Street, Pleasantville, N. J.

HERSEY, FRANCIS C., JR. — July 18, 1907
Secretary Water and Municipal Light Commissioners, Wellesley, Mass.

HEYDRICH, A. — July 18, 1907
President Matanzas Water Works, Matanzas, Cuba.

HICKS, A. T. — June 8, 1909
Local Manager Electric and Water Company, Limited, Trenton, Ontario.

HICKS, J. S. — June 10, 1911
Superintendent Water Company, Berwick, Pa.

HIGGINS, LAFAYETTE, C.E. — Dec. 22, 1915
Sanitary Engineer State Board of Health, 1144 W. 25th Street, Des Moines, Ia.

HIGHLAND, SCOTLAND G. — June 24, 1913
Secretary and Superintendent Water Works, Clarksburg, W. Va.

HILL, ALBERT B. — Oct. 26, 1914
Consulting Civil Engineer, P. O. Box 973, New Haven, Conn.

HILL, JOHN W. — June 26, 1886
Consulting Engineer, 406 First National Bank Building, Cincinnati, Ohio.

HILL, NICHOLAS S., JR. — June 18, 1901
Consulting Engineer, 100 William Street, New York, N. Y.

HILL, WILLIAM R. — June 9, 1897
Consulting Engineer, 53 State Street, Albany, N. Y.

HILLER, J. A. — June 24, 1913
Superintendent Distribution, Water Works, Cincinnati, O.

HILLES, T. ALLEN — June 24, 1913
Water Commissioner, 1600 West Seventh Street, Wilmington, Del.

HILSCHER, RALPH — Nov. 1, 1914
State Board of Health, Berkeley, Cal.

HINDS, M. E. — May 9, 1915
Assistant Chemist and Bacteriologist, Food and Drugs Laboratory, Nashville, Tenn.

HINKLEY, ROBERT L. — May 12, 1908
Superintendent Water Company, Rensselaer, N. Y.

HINMAN, JACK J., JR. — April 21, 1915
Bacteriologist and Chemist, Laboratory State Board of Health, State University of Iowa, Iowa City, Ia.

HOAD, WILLIAM CHRISTIAN — June 24, 1913
Professor Sanitary Engineering, University of Michigan, Ann Arbor, Mich.

HOAGLAND, IRA GOULD — April 27, 1910
Secretary National Automatic Sprinkler Association, 80 Maiden Lane, New York, N. Y.

HOBBY, ARTHUR, S., C.E. — June 8, 1909
P. O. Box 685, Guayaquil, Ecuador, S. A.

HOBBS, ROY A. — Nov. 23, 1915
Superintendent Water Works, Barnesville, Ohio.

HODGES, EDGAR — May 12, 1914
City Hall, Johnstown, N. Y.

HODGKINS, H. C., C.E. — April 18, 1888
513 Dillaye Building, Syracuse, N. Y.

HODGMAN, BURT B., C.E. — July 18, 1907
50 Church Street, New York, N. Y.

HODKINSON, THOMAS — June 24, 1913
Superintendent Water Works, 14 King Street, London, Ontario, Canada.

HOLLMAN, EDWARD E. — April 14, 1915
Sanitary Chemist, 3900 Lexington Ave., St. Louis, Mo.

HOFFMASTER, GEORGE EDWARD — May 13, 1916
American Water Works and Guarantee Company, 50 Broad Street, New York, N. Y.

HOGE, WILLIAM L. — May 14, 1915
Assistant Engineer Water Supply, Room 800 L. & N. Building, Louisville, Ky.

HOLMES, A. G. — July 10, 1906
P. O. Box 252, East Pittsburgh, Pa.

HONE, FREDERIC DEP., C.E. — Dec. 18, 1913
1 Liberty Street, New York, N. Y.

HOOPER, THOMAS N. — April 16, 1884
Vice-President Water Company, Davenport, Iowa.

HOOPES, EDGAR M., JR., C.E. — June 24, 1913
Chief Engineer Water Department, Wilmington, Del.

HOOVER, CHARLES P. — June 24, 1913
Chemist Filtration Plant, Columbus, Ohio.

HOPKINS, CHARLES COMSTOCK — June 10, 1911
Hydraulic and Sanitary Engineer, 349 Cutler Building, Rochester, N. Y.

HOPKINS, NEWTON F., C.E. — July 18, 1907
604 Second National Bank Building, Pittsburgh, Pa.

HOPPER, WALTER C. — June 10, 1911
Superintendent, Aquackanonk Water Company, 145 Prospect Street, Passaic, N. J.

HORNER, CHARLES M. — June 24, 1903
Superintendent Water Works Company, 1705 State Street, East St. Louis, Ill.

HORNER, HARRY H. — May 19, 1916
Superintendent Water Works, 2114 First Avenue, Birmingham, Ala.

HORNUNG, GEORGE — July 14, 1887
Consulting Civil and Mechanical Engineer, Woolsack Building, Newport, Ky.

HORTON, ROBERT E. — June 10, 1911
Hydraulic Engineer, 57 North Pine Avenue, Albany, N. Y.

HORTON, THEODORE — July 18, 1907
Chief Engineer New York State Department of Health, 72 North Allen Street, Albany, N. Y.

HOSTETLER, WILLIAM A. — May 8, 1915
Superintendent Iowa City Water Works, 227 North Capitol Street, Iowa City, Ia.

HOUSE, G. O. — April 27, 1910
General Superintendent St. Paul Water Department, St. Paul, Minn.

HOUSTON, GEORGE — June 7, 1904
646 Trimble Avenue, Kalamazoo, Mich.

HOWELL, DAVID J., C.E. — Oct. 23, 1914
Union Trust Building, Washington, D. C.

HOWSON, LOUIS R. — May 3, 1916
Assistant Engineer for Alvord and Burdick, 617 East 50th Place, Chicago, Ill.

HUBBELL, CLARENCE W. — June 24, 1903
Consulting Engineer, 2348 Penobscot Building, Detroit, Mich.

HUDSON, LEO — June 24, 1913
Consulting Engineer, 3265 Piedmont Avenue, Pittsburgh, Pa.

HUENINK, H. L. — Nov. 1, 1914
Chemist Superior Water, Light and Power Company, Cedar Grove, Wis.

HUGGANS, D. E. — May 27, 1896
Manager Water Works, Streator, Ill.

HUGGANS, R. D. — April 19, 1915
Chief Engineer Streator Aqueduct Company, Streator, Ill.

HULETT, MASON — Jan. 28, 1916
Engineering Department R. U. V. Company, D. Whitney Building, Detroit, Mich.

HUMPHREY, E. W. — June 24, 1913
General Superintendent, 1117 Myrtle Street, Erie, Pa.

HUNTER, HENRY G. — June 10, 1911
New York Continental Jewell Filtration Company, 619 New Birks Building, Montreal, Canada.

HUNTER, T. B. — July 10, 1906
Consulting Engineer, 703 Rialto Building, San Francisco, Cal.

HURD, C. H. — May 12, 1914
Vice-President Indianapolis Water Company, 113 Monument Place, Indianapolis, Ind.

HUY, HARRY F. — May 30, 1916
General Manager Western New York Water Company, 704 Electric Building, Buffalo, N. Y.

HYDE, CHARLES GILMAN — July 18, 1907
Room 101, Civil Engineers Building., University of California, Berkeley, Cal.

HYMAN, H. H. — April 14, 1916
Manager Miami Water Company, Miami, Fla.

HYMMEN, H. — June 8. 1909
Superintendent Water Works, Berlin, Ontario.

INMAN, A. W. — Nov. 23, 1915
Superintendent Massillon Water Supply Company, Massillon, Ohio.

INOUE, S. — July 18, 1907
290 Harajiku, Yokohama, Japan.

IRVING, THOMAS C., JR., — June 10, 1911
Vice-President Robert W. Hunt and Company, Limited, 1314 Traders Bank Building, Toronto, Ont.

IRWIN, RALPH EDWARD — June 8, 1909
Assistant Engineer, State Department of Health, Harrisburg, Pa.

IRWIN, THOMAS E. — June 10, 1911
50 Church Street, New York, N. Y.

ISAAC, F. N. — May 12, 1908
Secretary and General Manager The Hanford Water Company, Hanford, Cal.

IVES, HOWARD CHAPIN — June 24, 1913
Professor Railroad Engineering, Worcester Polytechnic Institute, Worcester, Mass.

JACKSON, DANIEL D. — April 27, 1910
Sanitary Expert, Engineering Building, Columbia University, New York, N. Y.

JACKSON, PERRY — April 27, 1910
215 N. Sacramento Street, Lodi, Cal.

JACKSON, ROBERT A. — June 24, 1903
Superintendent Insurance and Water Company, Norristown, Pa.

JACOBSON, ANDREW — March 28, 1914
Chemist Metropolitan Water District of Omaha, Florence, Neb.

JAMES, CLAUDE L. — March 4, 1915
City Engineer, Superintendent Water Works, City Building, Mattoon, Ill.

JARVIS, ALEXANDER CHARLES — Jan. 5, 1914
42 Pickwick Road, Dulwich, London, England.

JENNINGS, CHARLES A. — May 12, 1908
Superintendent Filtration, Union Stock Yard and Transit Company, Chicago, Ill.

JENSEN, J. ARTHUR — June 10, 1911
Supervisor Water Works Department, Minneapolis, Minn.

JENSEN, J. CHRIS. — June 4, 1912
Municipal Water Works, Council Bluffs, Iowa.

JOHNSON, GEORGE A. — July 18, 1907
Consulting Engineer, 150 Nassau Street, New York, N. Y.

JOHNSON, H. B. — June 24, 1913
General Manager Sheffield Company, Sheffield, Ala.

JOHNSON, H. E. — Dec. 22, 1915
Superintendent Electric Light and Water Plant, Senatobia, Miss.

JOHNSON, M. F. — June 24, 1915
Superintendent Water Department, 501 West Front St., Oil City, Pa.

JOHNSON, PETER — May 30, 1916
Supervising Engineer, Department W. S. G. & E. of New York, Bellmore, L. I.

JONES, A. J. — April 16, 1884
P. O. Box 273, New Brunswick, N. J.

JONES, BURKE — June 24, 1913
Superintendent Water Works, Hattiesburg, Miss.

JONES, GRANDVILLE R. — May 12, 1908
Associate Professor of Civil Engineering, Johns Hopkins University, Baltimore, Md.

JONES, HIRAM F. — July 18, 1907
Superintendent Water Works, 823 Walnut Street, Elmira, N. Y.

JONES, J. M. — May 13, 1916
Superintentent Circleville Water Supply Company, Circleville, Ohio.

JONES, J. W. — April 27, 1916
Manager Water Works, Selma, Ala.

JONES, WILLIAM CLAYTON — May 12, 1914
426 Market Street, Camden, N. J.

JONES, WILLIAM NELSON, C.E. — Aug. 19, 1914
Department of Public Utilities, Bureau of Water, 25 E. 5th Street, St. Paul, Minn.

JORDAN, EDWIN O. — Oct. 26, 1914
Professor of Bacteriology, University of Chicago, Chicago, Ill.

JORDAN, FRANK C. — June 10, 1911
Secretary Water Company, 113 Monument Place, Indianapolis, Ind.

JUDD, W. A. — May 8, 1915
Superintendent Water Works, 20 Sixth Street, N.E., Mason City, Ia.

KAHN, LEON I. — May 30, 1916
Commissioner of Public Utilities, Shreveport, La.

KASTBERG, KARL C. — June 7, 1904
City Engineer, Des Moines, Iowa.

KAY, EDGAR B. — April 27, 1910
Consulting Engineer, Tuscaloosa, Ala.

KEELER, H. E. — July 14, 1887
Room 633, The Rookery, Chicago, Ill.

KEEN, HAROLD PEROT — Nov. 23, 1915
General Superintendent Operating Department, American Pipe and Construction Company, 112 N. Broad Street, Philadelphia, Pa.

KEILS, ANTHONY, — June 9, 1909
Superintendent Board of Public Works, 38 Moross Avenue, Mt. Clemens, Mich.

KEISER, D. H. — May 12, 1908
General Manager Sinking Spring Water Company, Reading, Pa.

KELLOGG, ROBERT M. — April 23, 1915
General Delivery, Brooklyn, N. Y.

KELLY, EARL W. — June 4, 1912
care of Water Light Department, Duluth, Minn.

KEMBLE, F. T. — June 28, 1915
Secretary New Rochelle Water Company, 238 Main Street, New Rochelle, N. Y.

KIENLE, JOHN A. — June 8, 1909
Sanitary Engineer, 18 East 41st Street, New York, N. Y.

KILLAM, SAMUEL E. — Nov. 24, 1914
Superintendent Pipe Line and Reservoirs, 1 Ashburton Place, Boston, Mass.

KILPATRICK, JOHN D., C.E. — June 4, 1912
30 Church Street, New York, N. Y.

KIMBALL, FRANK C. — June 11, 1902
Secretary and Manager Commonwealth Water and Light Company, Summit, N. J.

KIMBERLY, A. ELLIOTT — May 14, 1915
Hydraulic and Sanitary Engineer, 8 East Long Street, Columbus, Ohio.

KING, CHARLES PENROSE — June 14, 1916
Engineer Rexhill Water and Gas Company, 5 Sedgwick Road, Rexhill-on-Sea, England.

KINGMAN, HORACE — March 17, 1916
Commissioner and Superintendent, City Hall, Brockton, Mass.

KINNAIRD, ROBERT N. — June 4, 1912
care of Des Moines Water Company, Des Moines, Iowa.

KIRK, CLARENCE L. — June 8, 1909
President Indianapolis Water Company, 113 Monument Place, Indianapolis, Ind.

KIRKPATRICK, WALTER G. — April 27, 1910
Consulting Hydraulic Engineer, 704 Farley Building, Birmingham, Ala.

KIRSTEIN, A. F. — June 10, 1911
Superintendent Water Works, Rahway, N. J.

KITTREDGE, HARRY CHANDLER — May 12, 1914
Hydraulic and Sanitary Engineer, 704 German Insurance Building, Rochester, N. Y.

KLARE, R. W. — June 28, 1915
Manager Wabash Water and Light Company, Wabash, Ind.

KLAUS, FRED J. — Oct. 21, 1915
Assistant Engineer Peoples Water Company, 2414 Dana Street, Berkeley, Cal.

KLEIN, WILLIAM I. — June 24, 1913
Resident Engineer New York Continental Jewell Filtration Company, 313 Inter-State Building, Kansas City, Mo.

KLINGBERG, W., C.E. — July 10, 1906
50 Church Street, New York, N. Y.

KNEEN, A. H., C.E. — June 10, 1911
112 North Broad Street, Philadelphia, Pa.

KNICKERBACKER, JOHN, C.E. — June 24, 1913
President Eddy Valve Company, 86 First Street, Troy, N. Y.

KNIGHT, GERALD WILSON — May 12, 1915
Consulting Engineer, 408 Times Building, Chattanooga, Tenn.

KNISELY, J. HERMAN — Aug. 3, 1916
Chief, Division Municipal Statistics, Harrisburg, Pa.

KNOWLES, CLARENCE R. — June 24, 1913
Superintendent Water Department, I. C. R. R., 6241 Ellis Avenue, Chicago, Ill.

KNOWLES, MORRIS — July 18, 1907
Consulting Engineer, Director Department Sanitary Engineering, University of Pittsburgh, 2591 Olive Building, Pittsburgh, Pa.

KNOX, STUART K. — June 8, 1909
Hill and Ferguson, 100 William Street, New York, N. Y.

KOHN, C. L. — June 24, 1913
Commissioner, City Hall, Elgin, Ill.

KONTKOVSKI, EUGENE B. — Jan. 12, 1915
Consulting Engineer, Nikolajevskaja, 17 log. 5, Petrograd, Russia.

KRAUSE, MARK C., C.E. — May 30, 1916
335 Pine Street, Williamsport, Pa.

KRIEGER, ALBERT A. — April 22, 1916
Resident Engineer, N. Y. Continental Jewell Filtration Co., Jersey City, N. J.

KRIEGSHEIM, HEINRICH — May 14, 1915
Room 1503, 30 East 42nd Street, New York, N. Y.

KYLE, JOHN I. — May 12, 1914
Purchasing Agent American Pipe and Construction Company, 5315 Locust Street, Philadelphia, Pa.

LABERGE, FRANÇOIS CHARLES — March 10, 1916
Consulting Engineer, 30 St. James St., Montreal, Canada.

LACOUNT, H. O. — May 12, 1908
Engineer and Assistant Secretary Inspection Department, Factory Mutual Insurance Company, 124 College Avenue, West Somerville, Mass.

LAFOREST, J. P. A. — April 4, 1916
City Engineer and Water Works Superintendent, Box 312, Hull, P. Q., Canada.

LAFRENIERE, THEO. J. — June 24, 1916
Sanitary Engineer, Board of Health of P. Q., 9 St. James Street, Montreal, Canada.

LANCE, OSCAR M. — July 18, 1907
General Manager The Spring Brook Water Company, P. O. Box 124, Wilkesbarre, Pa.

LANDMANN, L. B. — Sept. 19, 1914
Superintendent Capital City Water Company, Jefferson City, Mo.

LANDRY, J. A. — April 27, 1910
President Railway Light and Water Works Company, Lake Charles, La.

LANGELIER, W. F. — Nov. 1, 1914
Inspector Illinois State Water Survey, Urbana, Ill.

LARMON, FRANK P. — April 22, 1914
Chief Engineer Consolidated Water Company, 1137 Sunset Avenue, Utica, N. Y.

LARUE, ARTHUR H. — Aug. 18, 1916
Superintendent Water Works, Aurora, Ill.

LATOURRETTE, FREDERICK, C.E. — Dec. 30, 1914
Engineer in Charge Jersey City Water Works, 49 Highland Avenue, Jersey City, N. J.

LAUTZ, W. E. — May 27, 1896
Secretary and Manager Pekin Water Works, Pekin, Ill.

LAWLOR, FRANCIS D. H. — July 10, 1906
Superintendent Citizens Water Company, Burlington, Iowa.

LAWTON, RALPH W. — July 10, 1906
Manager Jewel Export Filter Company, 10 Clive Street, Calcutta, India.

LAYNE, M. E. — June 4, 1912
care of the Layne & Bowler Company, 1116-19 Exchange Building, Memphis, Tenn.

LEA, RICHARD S. — May 12, 1908
Consulting Engineer, 820 New Birks Building, Montreal, Canada.

LEAF, C. E. — April 19, 1915
Chief Chemist C. B. and Q. R. R. Laboratory, Aurora, Ill.

LEDDEN, ERNEST M. — June 4, 1912
115 Worth Street, New York, N. Y.

LEDERER, DR. ARTHUR — Feb. 25, 1916
51 St. Stephen Street, Boston, Mass.

LEDOUX, J. W. — July 18, 1907
Chief Engineer, American Pipe and Construction Company, 112 North Broad Street, Philadelphia, Pa.

LEE, CHARLES H. — June 24, 1913
Hydraulic Engineer, 1106 Central Building, Los Angeles, Cal.

LEET, J. N. — June 10, 1911
Superintendent Water Department, North East, Pa.

LEISEN, THEODORE A. — June 7, 1904
General Superintendent Board of Water Commissioners, Detroit, Mich.

LEOPOLD, F. B. — May 12, 1914
Farmers Bank Building, Pittsburgh, Pa.

LESAGE, ROYAL, C.E., B.S. — March 14, 1916
76 St. Gabriel Street, Montreal, Canada.

LESAGE, THOMAS WILLIAM — April 4, 1916
Engineer, Superintendent Water Works, City Hall, Montreal, Canada.

LETTON, H. P. — Jan. 12, 1915
Sanitary Engineer U. S. Marine Hospital, 4141 Clarendon Ave., Chicago, Ill.

LEVERING, W. A. — July 10, 1906
President Standard Asphalt and Rubber Company, Room 910, 208 S. LaSalle Street, Chicago, Ill.

LEVY, A. G. — April 27, 1910
Assistant Director New Orleans Purification Plant, 8417 Panola Street, New Orleans, La.

LEWIS, J. M. — June 24, 1913
Superintendent Parks and Public Property, Sioux City, Iowa.

LEWIS, R. E. — May 12, 1908
Superintendent Water Works, Elizabeth City, N. C.

LIGHTFOOT, JR., J. C. — June 23, 1914
New Jersey Water Service Company, 1307 Real Estate Trust Building, Philadelphia, Pa.

LITCH, M. B. — May 12, 1914
Superintendent and Chemist Filtration Plant, Steelton, Pa.

LITTLE, BEEKMAN C. — June 24, 1903
Superintendent Water Works, 44 City Hall, Rochester, N. Y.

LIVEZEY, W. B. — May 14, 1915
President Newport News Light & Water Company, Newport News, Va.

LOBO, CARLOS — June 23, 1916
Borough Engineer, Department of Water Supply, 215 Midwood Street, Brooklyn, N. Y.

LOCHRIDGE, ELBERT E. — July 10, 1906
Engineer Water Department, P. O. Box 1238, Springfield, Mass.

LOFTON, H. M. — June 4, 1912
Chattanooga, Tenn.

LONG, GEORGE J. — April 23, 1915
President Inter-State Water Company, Louisville, Ky.

LONG, J. WILLIAM — May 3, 1916
Bacteriologist, Trenton Filtration Plant, 148 Elmhurst Avenue, Trenton, N. J.

LONG, JAMES H. — May 12, 1916
City Hall, Camden, N. J.

LONGLEY, FRANCIS F. — July 18, 1907
42d Street Building, New York, N. Y.

LONGLEY, FREDERICK J. — Dec. 1, 1913
Hotel du Pont, City Point, Va.

LONGWORTHY, JR., HOMER DAYTON — May 14, 1915
Superintendent Water Works, Macon, Ga.

LOOMIS, E. L. — July 10, 1906
Superintendent Valparaiso Home Water Company, Valparaiso, Ind.

LORD, JR., FRANKLIN B. — June 10, 1911
Queens County Water Company, Cedarhurst, Long Island, N. Y.

LORD, HARRY A. — June 24, 1903
Superintendent Water Works, Ogdensburg, N. Y.

LOTT, ERSKINE H. — May 30, 1916
Superintendent Flatbush Water Works Company, 785 Flatbush Avenue, Brooklyn, N. Y.

LOUGHMAN, M. F. — June 13, 1916
President Jamaica Water Supply Company, 20 Union Avenue, Jamaica, N. Y.

LOUNSBURY, WILLIAM C. — May 12, 1908
General Superintendent Superior Water, Light and Power Company, Superior, Wis.

LOVEJOY, WILLIAM H. — June 4, 1912
Louisville Water Company, Louisville, Ky.

LUCAS, HUGH L. — April 27, 1910
Superintendent Water Pipe Extension, 404 City Hall, Chicago, Ill.

LUCE, FRANCIS H. — May 12, 1914
Superintendent Woodhaven Water Supply Company, Woodhaven, N. Y.

LUDLOW, J. L. — June 7, 1904
Consulting Engineer, Winston-Salem, N. C.

LUSCOMBE, WILLIAM — May 12, 1908
Vice-President Gary Heat, Light and Water Company, Gary, Ind.

LYNN, A. M. — May 13, 1916
President Birmingham Water Works Company, 50 Broad Street, New York, N. Y.

LYON, WILLIAM H. — June 10, 1911
Consulting Engineer, Realty Building, White Plains, N. Y.

LYONS, B. F. — May 12, 1908
Vice-President and General Manager Beloit Water, Gas and Electric Company, Beloit, Wis.

MCALPINE, A. H. — April 17, 1889
General Western Agent Hersey Manufacturing Company, 211 Schultz Building, Columbus, Ohio.

MCCABE, H. DALLAS, C.E. — May 12, 1908
800 Donner Avenue, Monessen, Pa.

MCCARTHY, DANIEL B. — June 27, 1905
Treasurer Waterford Water Works Company, 90 West New York, N. Y. Street,

MCCARTHY, WILLIAM — May 12, 1908
Superintendent Water Works, Bluefield, W. Va.

MCCLENAHAN, W. T. — May 12, 1914
407 South Ninth Street, Monmouth, Ill.

MCCLINTOCK, JAMES R. — Jan. 27, 1914
170 Broadway, New York, N. Y.

MCCRADY, MACHARVEY — April 14, 1916
Chemist and Bacteriologist Board of Health of P. Q., 9 St. James Street, Montreal, Canada.

MCCUE, W. F. — June 7, 1897
care of Colorado Fuel and Iron Company, Boston Building, Denver, Colo.

MCDONALD, CHARLES E. — June 10, 1911
Superintendent Water Works, Waterbury, Conn.

MCDONNELL, ROBERT E. — June 24, 1913
402 Interstate Building, Kansas City, Mo.

MCFARLAND, CHESTER R. — May 12, 1908
Secretary and General Manager Tampa Water Works Company, Tampa, Fla.

MCGIBONEY, J. H. — May 14, 1915
Manager Middleborough Water Works, Middleborough, Ky.

MCGONIGALE, WILLIAM J. — June 4, 1912
P.O. Box 2360, Louisville, Ky.

MCGRATH, F. R. — May 12, 1914
Superintendent Water Works, City Hall, Chambersburg, Pa.

McINNES, F. A. — May 12, 1914
Division Engineer Public Works Department, 23 Salcombe Street, Dorchester, Mass.

McINTOSH, JR., WILLIAM — June 24, 1913
Castle Stuart Dalcross, Iverness-Shire, Scotland.

McLAUGHLIN, GEORGE E., M.D. — June 24, 1913
Sanitary Expert and Bacteriologist, 41 Crescent Avenue, Jersey City, N. J.

McKENZIE, S. H. — April 14, 1916
Engineer and Supt. Terryville and Southington Water Company, Southington, Conn.

McKIM, ROBERT ALBERT, C.E. — June 4, 1912
65 West 88th Street, New York, N. Y.

McMANE, WILLIAM I. — March 1, 1916
Superintendent Commonwealth Water Company, 18 Maple Avenue, Summit, N. J.

McMILLAN, T. W. — Dec. 22, 1915
Superintendent Water Works, Mt. Pleasant, Ia.

McMILLAN, THOMAS — June 8, 1909
Chief Engineer City Pumping Station, 610 Stowell Avenue, Milwaukee, Wis.

McRAE, H. C. — April 27, 1910
3413 Piedmont Avenue, Baltimore, Md.

McRAE, JOHN B. — May 3, 1916
Consulting Engineer, 310 Booth Building, Ottawa, Canada.

McREYNOLDS, B. B. — May 12, 1914
Superintendent Water Works, City Hall, Colorado Springs, Colo.

McWILLIAMS, C. C. — April 16, 1914
Superintendent Bureau of Water, 447 Franklin Street, Schenectady, N. Y.

McWILLIAMS, C. Q. — June 18, 1901
President Roaring Creek Water Company, P.O. Box 85, Shamokin, Pa.

MacCALLUM, ALEXANDER W. — June 4, 1912
26 South Third Street, Philadelphia, Pa.

MacDONALD, EMMETT — June 7, 1904
Superintendent Water and Light Company, Lincoln, Ill.

MACALLUM, ANDREW F. — June 13, 1916
Commissioner of Works, Ottawa, Canada.

MACHEN, HENRY B. — May 12, 1908
Borough Engineer, Department Water Supply, Gas and Electricity, Muncipal Building, New York, N. Y.

MAGNER, WILLIAM — May 8, 1915
Chief Engineer Water Works, Cairo, Ill.

MAIN, GEO. A. — April 27, 1910
Superintendent Water Works, Daytona, Fla.

MALCOMSON, A. S., C.E. — June 4, 1912
P.O. Box 152, Roanoke, Va.

MALLALIEU, WILLARD C. — Dec. 30, 1914
Civil and Sanitary Engineer, 494 Bergen Avenue, Jersey City, N. J.

MANAHAN, ELMER G., C.E. — June 8, 1909
care of Board of Water Commissioners, Wilmington, Del.

MANGOLD, JOHN F., C.E. — June 24, 1913
Assistant Professor Engineering, Box 84, Grinnel, Iowa.

MANVILLE, F. D. — June 18, 1901
Local Manager Newport News Light and Water Company, Newport News, Va.

MANZ, LOUIS C., M.E. — June 8, 1904
Assistant Engineer and Superintendent Water Works, Atlantic City, N. J.

MARPLE, WILLIAM M. — June 27, 1905
Consulting Engineer, Scranton, Pa.

MARSDEN, ARTHUR B. — May 12, 1908
Superintendent and Treasurer Water Company, Manchester Center, Vt.

MARTIN, A. M. — May 12, 1908
Waco, Texas.

MARTIN, J. C. — May 14, 1915
Attorney for Ohio Water Works Association, 8 East Long Street, Columbus, Ohio.

MASON, DR. W. P. — May 18, 1892
Professor of Chemistry Rensselaer Polytechnic Institute, Troy, N. Y.

MATTE, HUBERT P. T. — June 4, 1912
Superintendent Water Department, Oak Park, Ill.

MAURICE, GEORGE HOLBROOKE, C.E. — June 10, 1911
Eagle Springs, N. C.

MAURY, DABNEY H. — Aug. 22, 1894
Consulting Engineer, 1137-8 Monadnock Block, Chicago, Ill.

MAVITY, J. W., C.E. — May 14, 1915
Lyndon, Kans.

MAYO, WILLIAM B. — June 4, 1912
Secretary and General Manager Hoover Owens Rentschler Company, Hamilton, Ohio.

MEAD, DANIEL W., C.E. — April 17, 1889
120 West Gorham Street, Madison, Wis.

MEADOWS, JAMES O. — March 1, 1916
Sanitary Engineer, Montreal Water and Power Company, 4125 Western Avenue, Westmount, P. Q., Canada.

MEARS, BRAINERD — June 28, 1915
Professor of Chemistry, Williams College, Williamstown, Mass.

MECKLEY, EARLE W. — March 28, 1914
Assistant City Engineer, Allentown, Pa.

MEEKER, GEORGE R. — May 19, 1916
Superintendent Water Works, Geneseo, N. Y.

MELLEN, A. F. — April 23, 1915
Chemist in Charge Water Purification Plant, Citico Station, Chattanooga, Tenn.

MELLON, T. A. — June 24, 1903
President Kensington Water Company, 514 Smithfield Street, Pittsburgh, Pa.

MELLUISH, JAMES G., C.E. — June 13, 1911
222 Unity Building, Bloomington, Ill.

MERCIER, PAUL-EMILE — April 18, 1916
Chief Engineer and City Surveyor, City Hall, Montreal, Canada.

MERCK, WILLIAM E. — June 18, 1916
Superintendent Water and Light Department, Jackson, Ga.

MERRILL, O. C. — June 8, 1909
care of Forest Service, Atlantic Building, Washington, D. C.

MESSER, RICHARD — June 10, 1911
Sanitary Engineer, State Department of Health, 1110 Capitol Street, Richmond, Va.

MESSER, SAMUEL F. — Nov. 23, 1915
Superintendent Kent Water and Light Company, Kent, Ohio.

METCALF, JOHN T. — June 28, 1916
Assistant Engineer in Charge Long Island Watershed, 625 West Street, Brooklyn, N. Y.

METCALF, LEONARD — June 24, 1903
Consulting Civil Engineer, 14 Beacon Street, Boston, Mass.

MEYERS, A. H. — June 24, 1903
Superintendent Water Company, Columbia, Pa.

MICHEL, B. G. — June 8, 1916
Consulting Engineer, Carleton Place, Ont.

MICHIE, JOHN C., C.E. — June 24, 1903
Superintendent Water Company, Durham, N. C.

MIDDLEMISS, GEORGE A., C.E. — April 27, 1910
Supervisor of Plumbing, 602 Carondelet Street, New Orleans, La.

MILLER, CARROLL — June 23, 1916
General Manager Murphysboro Water Works and Electric and Gas Light Company, Aurora, Ill.

MILLER, CLARENCE F. — April 4, 1916
Superintendent Water Works, 4th and Central, Wildwood, N. J.

MILLER, CLIFFORD W. — May 14, 1915
Hydraulic Engineer, 2807 Union Central Building, Cincinnati, Ohio.

MILLER, EDWIN E. — March 28, 1914
Assistant Superintendent Power Plants, Hackensack Water Company, Weehawken, N. J.

MILLER, HIRAM ALLEN — June 10, 1911
Consulting Engineer, 8 Beacon Street, Boston, Mass.

MILLER, J. A. — June 8, 1909
Superintendent Water Works, 10 West Third Street, Alton, Ill.

MILLER, MARSHALL — May 12, 1908
Room 740, 608 South Dearborn Street, Chicago, Ill.

MILLER, MELVILLE W. — May 14, 1915
Superintendent Lafayette Water Works, Lafayette, Ind.

MILLER, WALTER EDWARD — June 4, 1912
1719 Madison Street, Madison, Wis.

MILLER, WILLIAM EDWIN — June 3, 1916
Secretary and Treasurer, Water, Light, Heat and Power Company, Mt. Gilead, Ohio.

MILLIGAN, R. E. — June 11, 1902
Chemist, 15 Broad Street, New York, N. Y.

MILNE, ALEXANDER — June 24, 1903
Superintendent Water Works, St. Catharines, Ontario, Canada.

MINOR, EDWARD EASTMAN — June 4, 1912
Superintendent New Haven Water Company, 91 Temple Street, New Haven, Conn.

MITCHELL, CHARLES HAMILTON, C.E. — June 10, 1911
1003 Traders Bank Building, Toronto, Canada

MITCHELL, GEORGE — June 24, 1913
Assistant Engineer, Water Engineer's Office, Aberdeen, Scotland.

MITCHELL, NEWTON — June 24, 1913
Superintendent Water Works, Paris, Ky.

MOAT, CHARLES P. — April 9, 1915
Chemist Vermont State Board of Health, 184 Church Street, Burlington, Vt.

MOHLMAN, F. W. — Nov. 1, 1914
Chemist and Bacteriologist, Illinois State Water Survey, Urbana, Ill.

MOLIS, WILLIAM — March 15, 1882
Superintendent Water Works, Muscatine, Iowa.

MONFORT, WILSON F. — July 10, 1906
Consulting Chemist, 506 North Vandeventer Ave., St. Louis, Mo.

MONTOULIEU, HENRY J., C.E. — June 4, 1912
398-Calle 17-Vedado, Havana, Cuba.

MOORE, GEORGE H. — May 12, 1908
Superintendent Suburban Water Company, Verona, Pa.

MOORE, JOHN M. — July 10, 1906
Consulting Engineer, Palmer Block, London, Ontario.

MOORE, JOHN W. — May 14, 1915
Consulting Engineer, 3342 North Illinois Street, Indianapolis, Ind.

MOORE, LANDON C. — May 14, 1915
Chemist and Bacteriologist, 209½ Lane Street, Dallas, Tex.

MORGAN, HENRY B. — Oct. 16, 1914
Manager Peoria Water Works Company, 143 North Jefferson Avenue, Peoria, Ill.

MORRIS, CHARLES H. — June 8, 1916
Supervisor of Water Works, New Brunswick, N. J.

MORSE, ROBERT B. — May 8, 1915
Chief Engineer State Board of Health, 16 West Saratoga Street, Baltimore, Md.

MORY, A. V. H. — Nov. 1, 1914
Chemical Director, Department 217, Sears, Roebuck & Company, Chicago, Ill.

MUNDY, AMBROSE — March 23, 1914
Superintendent Middlesex Water Company, Woodbridge, N. J.

MURPHY, A. R., C.E. — June 10, 1911
137 Centre Street, New York, N. Y.

MURPHY, FRANK J. — June 11, 1916
Superintendent Division of Meters, City Hall, Milwaukee, Wis.

MURPHY, L. E. — May 12, 1914
Superintendent Water Department, Jacksonville, Fla.

MURRAY, H. E. — May 8, 1915
Manager Water and Sewer Department, Honolulu, Hawaii.

MURRIN, JOHN A. — June 28, 1916
Commissioner Public Property, City Hall, Rock Island, Ill.

MYERS, CORNELIUS T., M.E. — June 8, 1909
Trenton, Wayne Co., Mich.

NEARY, JOHN H. — June 24, 1913
Superintendent Water Works, 816 North Chicago Avenue, South Milwaukee, Wis.

NELSON, FRED B., C.E. — July 18, 1907
966 Anderson Avenue, Highbridge, New York, N. Y.

NEUT, GEORGE — June 10, 1911
Chief Engineer Water Works, Santiago, Chili, South America.

NEVLING, J. B. — Oct. 16, 1914
Secretary-Treasurer Clearfield Water Company, Clearfield, Pa.

NEWLANDS, JAMES A. — Oct. 16, 1914
Sanitary Engineer, 11 Laurel Street, Hartford, Conn.

NEWTON, HOWARD D. — June 24, 1903
President Water Works Company, 175 Broad Street, Norwich, N. Y.

NEYLON, LEIGH, C.E., H.E. — May 8, 1915
State River and Water Supply Commission, Engineers Branch, Treasury Gardens, Melbourne, Australia.

NICHOLS, A. E., C.E. — June 8, 1916
6209 Drexel Avenue, Chicago, Ill.

NICHOLS, E. M., C.E. — June 13, 1916
212 South Seventh Street, Philadelphia, Pa.

NISHIOEDA, SATORU — Oct. 16, 1914
Municipal Water Works, Tokyo, Japan.

NISSLY, E. L. — May 14, 1915
President Florin Water Company, Florin, Pa.

NUEBLING, EMIL L. — May 29, 1895
Chief Engineer, Bureau of Water, Reading, Pa.

NUTT, J. A. — March 17, 1916
Superintendent Water Works, Monongahela, Pa.

NYE, S. A. — May 12, 1908
Trustee Kennebec Water District, Fairfield, Me.

O'CALLAHAN, C. D. — June 13, 1916
City Engineer, City Hall, Joliet, Ill.

O'ROURKE, JAMES — Nov. 24, 1914
Superintendent of Water Works, Fulton, Ill.

O'SHAUGHNESSY, JERRY — April 27, 1910
Superintendent Department of Water, Columbus, Ohio.

O'SHAUGHNESSY, M. M. — July 18, 1907
City Engineer, 2732 Vallejo Street, San Francisco, Cal.

OAKLEY, GEORGE I. — May 19, 1916
City Engineer, Little Falls, N. Y.

OLMSTED, CHARLES S. — May 3, 1916
Superintendent Monterey County Water Works, Pacific Grove, Cal.

ORR, ALEXANDER, C.E. — July 18, 1907
Chief Engineer Gloversville Water Works, Gloversville, N. Y.

OTT, E. W. — June 13, 1916
Superintendent, 23 Court Street, Cortland, N. Y.

OWENS, ROBERT B., B.A., B.E. — April 22, 1914
Government Buildings, Edmonton, Alberta, Canada

PARKER, C. B. — Dec. 30, 1914
Assistant Superintendent Pipe System, Hackensack Water Company, Weehawken, N. J.

PARKER, CHARLES T. — April 21, 1915
Chief Engineer Alton Water Company, 346 Jefferson Street, Alton, Ill.

PARKER, E. E. — June 24, 1913
City Engineer, Superintendent Water Works, Madison, Wis.

PARKER, JR., DR. FRANCIS L. — May 12, 1908
Consulting Chemist, 40 Broad Street, Charleston, S. C.

PARKER, RUSSELL H. — May 14, 1915
Assistant Engineer City Hall, Cincinnati, Ohio.

PARKINSON, HENRY WATERWORTH — Aug. 19, 1914
City Engineer, Rockhampton, Queensland, Australia.

PARLIN, RAYMOND W. — June 10, 1911
261 Broadway, New York, N. Y.

PARR, S. W. — April 21, 1915
Professor Applied Chemistry, University of Illinois, Urbana, Ill.

PATE, R. L. — June 10, 1911
Manager City Water Company, Springfield, Mo.

PATRICK, CHARLES G. — May 3, 1916
General Manager, Goldfield Water Company, P. O. Box 829, Goldfield, Nev.

PATTERSON, WM. G. — May 14, 1915
Superintendent, 20 Gerald Avenue, Highland Park, Mich.

PATTON, W. A. — June 7, 1904
President and Manager Water Company, Catlettsburg, Ky.

PAYSON, EDGAR R. — June 27, 1905
Manager Water Works, 93 Exchange Street, Portland, Me.

PEARSE, LANGDON — June 24, 1913
The Sanitary District of Chicago, Karpen Building, 900 South Michigan Avenue, Chicago, Ill.

PECK, ERMON M. — July 18, 1907
Consulting Engineer, Room 626, Connecticut Mutual Building, Hartford, Conn.

PEELER, R. L. — June 8, 1909
Superintendent Water Works, Coalinga, Cal.

PEENE, EDWARD L. — June 18, 1901
Superintendent Water Works, Yonkers, N. Y.

PERRY, WILLIAM — June 26, 1886
Hydraulic Engineer, Maplewood Avenue, Cote des Neiges, Montreal, Quebec.

PETER, W. F. — May 3, 1916
Superintendent Seymour Water Company, Seymour, Ind.

PETERSON, EDWARD — June 10, 1911
Manager Water Works and Light Plant, Crookston, Minn.

PHELPS, EARLE B. — Oct. 23, 1914
Chemist Hygienic Laboratory, Twenty-fifth and E Streets, Washington, D. C.

PHILIPPS, CHARLES W. — June 24, 1913
16 Sterrett Avenue, Covington, Ky.

PHILLIPS, CLIFFORD FRENCH — April 9, 1915
Consulting Engineer, 715 International Life Building, St. Louis, Mo.

PHILLIPS, HIRAM — June 4, 1912
Consulting Engineer, 715 International Building, St. Louis, Mo.

PHILLIPS, T. C. — June 27, 1905
Water Works Engineer, 1003 City Hall, Chicago, Ill.

PITCHER, F. H. — June 27, 1905
Montreal Water and Power Company, 11 Place D'Armes Square, Montreal, Canada.

PITNEY, FREDERIC V., C.E. — Nov. 19, 1914
21 South Street, Morristown, N. J.

PLAMONDON, ADRIEN, C.E. — March 27, 1916
Engineer and Contractor, 70 St. James Street, Montreal, Canada.

PLATTNER, WILLIAM — April 27, 1910
Consulting Engineer, North Attleboro, Mass.

POLLARD, SEABURY G. — June 4, 1912
Consulting Engineer, 3422 Burch Avenue, Cincinnati, O.

POLLARD, W. D. — May 18, 1892
General Manager Pottsville Water Company, Pottsville, Pa.

POOLE, ALFRED D. — April 27, 1910
Water Commissioner, 401 West Seventh Street, Wilmington, Del.

POTTER, ALEXANDER — July 18, 1907
Consulting Engineer, 50 Church Street, New York, N. Y.

POTTER, CHARLES S. — April 27, 1910
Purchasing Agent Water Company, Louisville, Ky.

POTTS, CLYDE — July 10, 1906
Civil and Sanitary Engineer, 30 Church Street, New York, N. Y.

POWELL, ALEXANDER C. — April 27, 1910
Chemist Bangor Filter Plant, Bangor, Me.

POWNALL, WILLIAM A. — May 8, 1915
Water Engineer Wabash R. R., Decatur, Ill.

PRACY, GEO. WESLEY — May 14, 1915
Assistant Superintendent Department Operation and Maintenance, 2477 Twenty-first Avenue, San Francisco, Cal.

PRATT, CHARLES — May 14, 1915
City Engineer and Superintendent Water Works, 1315 South Santa Fé Avenue, Chanute, Kans.

PRATT, EDMUND A., C.E. — March 1, 1916
110 Morningside Drive, New York, N. Y.

PRATT, GILBERT H. — June 8, 1916
Chemist and Sanitary Engineer, 2551 Boulevard, Jersey City, N. J.

PRAY, JOHN W. — June 24, 1913
Superintendent Water Works, Ft. Dodge, Ia.

PRICE, W. H. — May 23, 1916
General Manager, Etowah Water and Light Company, Box 628, Etowah, Tenn.

PRINCE, GEORGE T., C.E. — July 10, 1906
Omaha Water Board, Omaha, Neb.

PROBASCO, SELDEN R., C.E. — April 14, 1916
Burlington, N. J.

PROVOST, JR., ANDREW J., — May 12, 1908
Sanitary Expert and Hydraulic Engineer, 39–41 West 38th Street, New York, N. Y.

PRUETT, G. C., C.E. — Feb. 25, 1914
City Engineer and Superintendent Water Works, Box 673, Miles City, Mont.

PUGH, MARSHALL R., C.E. — April 27, 1910
731 Witherspoon Building, Philadelphia, Pa.

PURCELL, STEWART — May 12, 1914
Assistant Engineer Filtration Division, Water Department, Hilton and Baker Streets, Walbrook, Baltimore, Md.

PURDY, J. H. — May 27, 1896
care of American Water Works and Electric Company, 50 Broad Street, New York, N. Y.

QUAYLE, LEROY A. — June 28, 1915
Mechanical Engineer, Water Department, 1455 W. 98th Street, Cleveland, Ohio.

QUICK, ALFRED MERRITT, C.E. — June 18, 1901
725 Munsey Building, Baltimore, Md.

QUINN, M. P. — May 12, 1914
Fidelity Building, Philadelphia, Pa.

RACE, JOSEPH — May 12, 1914
City Bacteriologist and Chemist, Ottawa, Canada.

RADER, R. P. — May 12, 1908
Superintendent Lehigh Water Company, Easton, Pa.

RAINS, J. M. — May 12, 1908
Superintendent Water Works, Lebanon, Ky.

RAMSEY, WILLIAM H. C. — May 6, 1916
General Manager The York Water Company, 42 East Market Street, York, Pa.

RANDALL, D. C. — June 9, 1916
Superintendent Water Works, Tupper Lake, N. Y.

RANDALL, W. H. — June 8, 1909
Superintendent Maintenance, Department Water Works, 188 Albany Avenue, Toronto, Ont.

RANDOLPH, JR., W. C. N. — June 11, 1902
Superintendent Water Works, Lynchburg, Va.

RAPP, W. M. — May 17, 1899
Superintendent Construction, Water Department, Atlanta, Ga.

RAYMOND, ALFRED — April 27, 1910
General Manager Drainage, 1324 Nashville Avenue, New Orleans, La.

REAGAN, JR., JOHN F. — July 10, 1906
1137 Park Avenue, Utica, N. Y.

RECTOR, FRANK LESLIE, M.D. — April 16, 1914
Bacteriologist, 36 Forty-first Street, Brooklyn, N. Y.

REED, D. A. — June 24, 1913
Manager Water and Light Department, Duluth, Minn.

REED, W. F. — June 8, 1916
Superintendent Water Works, Kalamazoo, Mich.

REID, WALTER — April 19, 1915
Superintendent Water Works, Springfield, Ill.

REIMER, ARTHUR A. — May 12, 1908
Engineer Water Department, City Hall, East Orange, N. J.

RELPH, O. S. — May 14, 1915
Superintendent San José Water Company, San José, Cal.

REYER, GEORGE — April 16, 1884
1703 Eighteenth Avenue, South Nashville, Tenn.

RHYNUS, CLARENCE PAULDING — June 4, 1912
Sanitary Bacteriologist Hygienic Laboratory, Washington, D. C.

RICE, P. D. — May 14, 1915
Engineer San José Water Company, San José, Cal.

RICHARDS, ARTHUR — Nov. 23, 1915
Consulting Engineer Richards Engineering Company, 37½ E. Long Street, Columbus, Ohio.

RIDER, JOSEPH B. — May 12, 1914
Consulting Engineer, 29 Broadway, New York, N. Y.

RINGNESS, HENRY — April 23, 1915
Assistant to Manager Peoria Water Works Company, 143-5 North Jefferson Street, Peoria, Ill.

RITCHIE, EDGAR GOWAR — June 24, 1913
Engineer of Water Supply, Metropolitan Board of Works, Melbourne, Australia.

ROBERTS, WILLIAM J. — Oct. 23, 1914
Chief Engineer Inter-County River Improvement, 401 Court House, Tacoma, Wash.

ROBINSON, LEONARD C. — July 18, 1907
Superintendent Water and Sewer Department, Concord, Mass.

ROBINSON, WILLIAM P. — June 7, 1897
President the Denver Union Water Company, Denver, Colo.

ROHNE, PAUL E. — June 24, 1913
Consulting Engineer, Great Falls, Mont.

ROHRBACH, WILLIAM R. — July 10, 1906
Manager Sunbury Water Company, Sunbury, Pa.

ROOS, CHARLES M. — June 24, 1913
Superintendent Cairo Water Company, Cairo, Ill.

ROSENTRETER, HERMAN — March 12, 1908
Principal Assistant Engineer of Works, Water Department, City Hall, Newark, N. J.

ROSS, CHARLES H. — July 10, 1906
Superintendent Water Department, Brockport, N. Y.

ROSS, R. A. — June 15, 1914
Consulting Engineer, 80 St. Francis Xavier Street, Montreal, Canada.

RUE, J. A. — April 14, 1916
Superintendent Mattoon Clear Water Company, 1204 Marshall Avenue, Mattoon, Ill.

RUDDEROW, MAURICE B. — June 25, 1914
Manager Merchantville Water Company, Merchantville, N. J.

RUSSELL, NORMAN F. S. — Dec. 22, 1915
1421 Chestnut Street, Philadelphia, Pa.

RUST, C. H. — June 24, 1903
City Hall, Victoria, B. C.

RUTTAN, H. N. — May 12, 1908
City Engineer, Winnipeg, Manitoba.

RYAN, WILLIAM G. — April 27, 1910
Sanitary Engineer, 95 Main Street, Florence, Mass.

SACKETT, ROBERT L. — June 24, 1913
Dean, School of Engineering, Pennsylvania State College, State College, Pa.

SALMON, C. B. — June 11, 1902
Public Utility Broker, Beloit, Wis.

SALMON, FREDERICK WILLIAM — July 10, 1906
Civil and Mechanical Engineer, 274 Wellington Ave, Auburn, R. I.

SALMOND, JAMES J. — July 18, 1907
Manager *Canadian Engineer*, 62 Church Street, Toronto, Ont.

SANDO, WILL J. — June 27, 1905
Consulting Engineer, 1136 Wells Building, Milwaukee, Wis.

SANDS, CHARLES G. — May 13, 1916
Superintendent Great South Bay Water Company, Bay Shore, L. I.

SANZENBACHER, GEORGE — June 27, 1905
Engineer and Superintendent Department of Water, Newark, N. J.

SAUNDERS, FREDERICK WALTER THEO. — May 12, 1908
Port Augusta, South Australia.

SAVAGE, THOMAS — Jan. 15, 1916
Associate Professor of Geology, University of Illinois, Urbana, Ill.

SAWIN, LUTHER R. — Aug. 3, 1916
Bacteriologist in Charge of Mt. Kisco Laboratory, Mt. Kisco, N. Y.

SAXE, CHARLES W. — Oct. 23, 1914
Chemist, 20 Cedar Street, Worcester, Mass.

SAYER, FRED D. — April 22, 1914
Borough Engineer and Superintendent of Water, Brookville, Jefferson County, Pa.

SCARTH, STANILAND — Aug. 18, 1916
Superintendent Water Works, Newark, N.Y.

SCHARFF, MAURICE R. — May 12, 1914
Principal Assistant Engineer, 2541 Olive Building, Pittsburgh, Pa.

SCHAUP, CHARLES E. — May 12, 1914
Consulting Engineer, 36 South Seventeenth Street, Harrisburg, Pa.

SCHOLZ, ROBERT O. — March 1, 1916
Assistant Engineer Department of Water, 45 Seymour Avenue, Newark, N. J.

SCHULZ, C. F. — July 10, 1906
Consulting Engineer, 1906 East 105th Street, Cleveland, Ohio.

SCHWABE, WALTER P. — Nov. 1, 1914
General Manager, 15 Central Street, Thompsonville, Conn.

SCHWARTZ, FREDERICK W. — July 18, 1907
439 Hamilton Street, Albany, N. Y.

SCOTT, WALTER M. — March 28, 1914
Consulting Engineer, 204 Sterling Bank Building, Winnipeg, Manitoba.

SEIBERT, JOSEPH — June 4, 1912
Superintendent Water Works, St. Cloud, Minn.

SEMANS, CARL R. — June 8, 1909
Manager Water, Light and Power Company, Washington, Ind.

SENIOR, SAMUEL PALMER — July 10, 1906
Vice-President and Engineer Bridgeport Hydraulic Company, Bridgeport, Conn.

SETTLE, W. O. — April 9, 1915
Superintendent and Manager Water Works, Murphysboro, Ill.

SHAFFER, GEORGE H. — June 24, 1913
Superintendent Water Works, Martinsburg, W. Va.

SHARP, JR., JOHN T. — April 27, 1910
Superintendent Electric Light and Water Company, Canton, Miss.

SHAW, A. W. — June 10, 1911
Superintendent Water Works, Brandon, Manitoba, Canada.

SHAW, BENJAMIN F. — June 24, 1913
Water Commissioner, Wilmington, Del.

SHAW, F. H. — May 12, 1908
Civil, Hydraulic and Sanitary Engineer, 310 Breneman Building, Lancaster, Pa.

SHAW, JESSE — June 8, 1916
Superintendent City Water Works, Topeka, Kan.

SHAW, WALTER A. — July 10, 1906
State Public Utilities, 1509 Farwell Ave., Chicago, Ill.

SHEPHERD, A. B. — May 27, 1896
Second Vice-President Woodlawn Water Company, Pittsburgh, Pa.

SHEPPERD, F. W. — April 18, 1888
Fire and Water Engineering, 154 Nassau Street, New York, N. Y.

SHERMAN, CHARLES W. — May 12, 1914
Consulting Engineer, 14 Beacon Street, Boston, Mass.

SHERMAN, L. K. — April 14, 1915
Illinois Rivers and Lakes Commission, 905 State Building, Chicago, Ill.

SHERMAN, RICHARD U. — April 27, 1910
President Consolidated Water Company, 234 Genesee Street, Utica, N. Y.

SHERMAN, WALTER J., C.E. — May 12, 1908
The W. J. Sherman Company, Toledo, Ohio.

SHERRERD, MORRIS R. — June 7, 1897
Chief Engineer Street and Water Commission, City Hall, Newark, N. J.

SHERRING, ARTHUR E. — June 24, 1913
2124 18th Street West, Calgary, Alberta, Canada

SHIBLEY, E. H. — June 4, 1912
Superintendent Port Costa Water Company, Martinez, Cal.

SHIBLEY, KENNETH — Sept. 27, 1915
Civil and Hydraulic Engineer, 1218 Merchants Exchange, San Francisco, Cal.

SHIELDS, F. S. — April 27, 1910
Secretary Sewerage and Water Board, City Hall Annex, New Orleans, La.

SHIELDS, W. S. — May 17, 1899
1201 Hartford Building, Chicago, Ill.

SHOEMAKER, G. E. — June 10, 1911
Secretary Water Works, Waterloo, Iowa.

SHOWELL, JR., EDWARD B. — June 24, 1913
du Pont Powder Company, City Point, Va.

SIDDONS, JOSEPH S. V. — May 12, 1916
Superintendent Torresdale Filters, 1648 Dyre Street, Philadelphia, Pa.

SIEBER, WILLIAM — May 14, 1915
Superintendent Water Works, Henderson, Ky.

SIEMS, V. BERNARD — May 12, 1914
Assistant Engineer Filtration Division, Water Department, 1408 East Chase Street, Baltimore, Md.

SIMIN, BORIS N., C.E. — June 10, 1911
Razgulay 3, Moscow, Russia.

SJOBLOM, M. C. — Jan. 15, 1916
Assistant Engineer State Board of Health, Springfield, Ill.

SLUYTER, E. W. — July 10, 1906
Superintendent Water Works, Herkimer, N. Y.

SMITH, CHARLES H., M.E. — May 12, 1914
31 Milk Street, Boston, Mass.

SMITH, CHARLES WALTER — July 18, 1907
Metropolitan Board Water Supply and Sewerage, Sydney, New South Wales, Australia.

SMITH, E. H. — June 23, 1914
Manager New Jersey Water Service Company, 3 Ellis Street, Haddonfield, N. J.

SMITH, E. WELLER — May 8, 1915
Superintendent Water Works, City Hall, Glens Falls, N. Y.

SMITH, GORDON Z. — May 12, 1915
Superintendent Water Works, Municipal Building, Middletown, Conn.

SMITH, J. WALDO — June 15, 1898
Chief Engineer Board of Water Supply, Municipal Building, New York, N. Y.

SMITH, L. B. — Oct. 16, 1914
Manager Westmoreland Water Company, Greensburg, Pa.

SMITH, LEON A. — May 19, 1916
Superintendent Water Works, City Hall, Madison, Wis.

SMITH, MERRETT HAVILAND — July 27, 1915
Chief Engineer Bureau of Water Supply, Municipal Building, New York, N. Y.

SMITH, OWEN T. — Sept. 7, 1893
Superintendent Water Works, Freeport, Ill.

SMITH, R. J. — June 10, 1911
Superintendent Canadian Electric Water Power Company, Limited, Perth, Ontario.

SMITH, W. Z. — April 27, 1910
General Manager Water Works, 442 Luckie Street, Atlanta, Ga.

SMOOT, L. D. — June 4, 1912
Commissioner Public Works, Board of Bond Trustees, Water Works and Improvement Bonds, Jacksonville, Fla.

SNELL, GEORGE H. — July 10, 1906
49 County Street, Attleboro, Mass.

SNOW, ARCHIE H. — June 15, 1898
Superintendent Water Company, Montclair, N. J.

SOLOMON, GABRIEL ROBERTS — June 24, 1913
Consulting Engineer, 1622 Candler Building, Atlanta, Ga.

SONDEREGGER, ARTHUR L. — June 10, 1911
Consulting Engineer, 635 Central Building, Los Angeles, Cal.

SOUDER, B. F. — June 24, 1913
Superintendent Distribution, Water Department, Atlantic City, N. J.

SPALDING, GEORGE R. — March 28, 1914
Chemist Hackensack Water Company, New Milford, N. J.

SPAULDING, C. H. — Jan. 12, 1915
Chemist, Box 660, Cristobal, Canal Zone.

SPAULDING, W. J. — Nov. 1, 1914
Commissioner, Springfield, Ill.

SPEAKMAN, RICHARD EDWARD, C.E. — April 27, 1910
City Engineer, Brandon, Manitoba, Canada.

SPEAR, WALTER E. — Jan. 12, 1915
250 West 54th Street, New York, N. Y.

SPEAREN, GEORGE — April 23, 1915
Superintendent Water Works, Warren, Ill.

SPERRY, WALTER A. — Dec. 30, 1914
Chemist Filtration Plant, Grand Rapids, Mich.

STAINTON, H. — Aug. 3, 1916
Waterworks Inspector, Western Canada Fire Underwriters Assn., Box 2973, Winnipeg, Man.

STANFIELD, A. C., C.E. — Jan. 12, 1915
Pana, Ill.

STAPLES, GEORGE T. — July 10, 1906
Superintendent Water Works, 64 School Street, Dedham, Mass.

STEARNS, HARRINGTON P. — Jan. 27, 1914
care of Queens County Water Company, Far Rockaway, N. Y.

STEARNS, RALPH H. — Jan. 12, 1915
Assistant Engineer, Water Supply Board, 661 Westminster Street, Providence, R. I.

STEDMAN, B. F. — June 8, 1909
Superintendent Water Works, Dubuque, Ia.

STEELE, JR., J. A. — March 14, 1916
Manager City Water Works, Vicksburg, Miss.

STEPHEN, CHARLES — April 14, 1916
Superintendent Engineer, Macdonald College, Ste Anne de Bellevue, P. Q., Canada.

STERLING, JOE C. — June 24, 1903
Superintendent Water Works, Munroe, Mich.

STEVENS, HAROLD C. — May 12, 1914
Consulting Engineer, 150 Nassau Street, New York, N. Y.

STEVENS. HARRY — May 13, 1916
Consulting Engineer, Union Trust Building, Washington, D. C.

STEWART, J. A., C.E. — May 14, 1915
1113 Traction Building, Cincinnati, Ohio.

STONE, R. D. — Dec. 22, 1915
President and Manager, 400 Chestnut Street, Philadelphia, Pa.

STORRIE, WILLIAM — May 8, 1915
Chief Engineer, John verMehr Engineering Company, 154 Simcoe Street, Toronto, Ont.

STOVER, FREDERICK H. — June 4, 1912
Crescent Hill Filter, Louisville, Ky.

STRASSER, J. M. — April 19, 1915
Superintendent Southern Division, Public Service Company of Northern Illinois, Joliet, Ill.

STREETER, C. H. — May 8, 1915
Superintendent Water and Electric Plants, Cedar Falls, Ia.

STREETER, H. W. — May 8, 1915
Sanitary Engineer U. S. Public Health Service, Third and Kilgour Streets, Cincinnati, Ohio.

STROMQUIST, W. G. — Oct. 26, 1914
U. S. Public Health Service, Third and Kilgour Streets, Cincinnati, Ohio.

STROTHMAN, L. E. — April 27, 1910
Manager Pumping Engine and Steam Turbine Department, Allis-Chalmers Manufacturing Company, Milwaukee, Wis.

STURGES, LEE — March 4, 1915
President Elmhurst Spring Water Company, Elmhurst, Ill.

SULLIVAN, C. J. — June 24, 1913
Superintendent Water Works, 319 Second Avenue, North, Chisholm, Minn.

SUMNER, GUILFORD H., M.D. — May 29, 1916
Secretary Iowa State Board of Health, Des Moines, Ia.

SURVEYER, ARTHUR — April 14, 1916
Consulting Engineer, 56 Beaver Hall Hill, Montreal, Canada.

SUTER, RUSSELL, C.E. — Oct. 16, 1914
Conservation Commission, Albany, N. Y.

SWEET, E. O., C.E. — May 30, 1916
Birmingham Water Works Company, 1106½ Virginia Avenue, Birmingham, Ala.

SWITZER, JOHN A. — May 14, 1916
Consulting Engineer, Professor Hydraulic and Sanitary Engineering, University of Tennessee, Knoxville, Tenn.

SYLVESTER, ELBERT W. — June 3, 1916
City Engineer and Superintendent Public Works, Municipal Building, Poughkeepsie, N. Y.

SYMONS, M. M. — April 19, 1915
Chief Engineer Interstate Water Company, 1009 West Fairfield Street, Danville, Ill.

TABER, GEORGE A., C.E. — June 4, 1912
Consulting Engineer, Park Row Building, New York, N. Y.

TALBOT, ARTHUR N. — Aug 22, 1894
Professor Municipal and Sanitary Engineering, University of Illinois, Urbana, Ill.

TALBOTT, FRANK — June 7, 1904
Superintendent, Secretary and Treasurer Water Works, Danville, Va.

TANNER, FRED W. — Nov. 1, 1914
Dairy Department, University of Illinois, Urbana, Ill.

TARR, H. G. H. — June 10, 1911
400 Chestnut Street, Philadelphia, Pa.

TAYLOR, GEORGE R. — May 12, 1908
Sanitary Chemist, 115 Wyoming Avenue, Scranton, Pa.

TAYLOR, HENRY W. — Jan. 27, 1914
Hydraulic and Sanitary Engineer, 100 State Street, Albany, N. Y.

TAYLOR, R. M. — May 12, 1914
Vice-Mayor, City Commission, Jackson, Miss.

TAYLOR, SAMUEL A. — June 11, 1902
Contracting and Constructing Engineer, 5th Floor, Second National Bank Building, Pittsburgh, Pa.

TAYLOR, W. E. — July 18, 1903
Chief Engineer Water Company, Water Street and Big 4, Terre Haute, Ind.

THAYER, FREDERICK C. — May 12, 1908
President Kennebec Water District, Waterville, Me.

THOMAS, D. G. — June 8, 1909
Chief Engineer The Denver Union Water Company, Denver, Colo.

THOMAS, J. BOSLEY — Nov. 10, 1914
Chemist and Bacteriologist City Water Department, Baltimore, Md.

THOMAS, ROBERT J. — May 16, 1900
Superintendent Water Works, Lowell, Mass.

THOMPSON, CHARLES N. — May 12, 1914
General Manager Bucks Hill Water Company, Bucks Hill Falls, Pa.

THORNE, MILTON — April 14, 1916
Superintendent Portland Water District, 8 Lightfoot Street, Portland, Me.

THORNELL, JOSEPH B. — Oct. 16, 1914
Chemist Broadway Pumping Station, Council Bluffs, Iowa.

TIGHE, JAMES L. — April 17, 1889
Consulting Engineer, 189 High Street, Holyoke, Mass.

TILDEN, JAMES A. — April 17, 1889
Mechanical Engineer Hersey Manufacturing Company, Boston, Mass.

TIMONOFF, V. E. — May 12, 1914
10 Shirokaia Street, Zarskoe Selo, near Petrograd, Russia.

TOAL, D. C. — June 24, 1903
Editor *Water and Gas Review*, 35 Warren Street, New York, N. Y.

TOBIAS, E. — Nov. 23, 1915
Superintendent Water Works, 110 E. State Road, Hastings, Mich.

TODD, WILLIAM — June 18, 1901
Superintendent Electric Light and Water Works, Austin, Minn.

TOLLES, FRANK C. — March 1, 1916
Civil and Sanitary Engineer, 265 So. Columbus Avenue, Mt. Vernon, N. Y.

TOLMAN, MAYO — Jan. 12, 1915
Director Division of Sanitary Engineering, West Virginia State Department of Health, Charleston, W. Va.

TOLSON, ALBERT — Jan. 28, 1916
Superintendent of Filters, Bureau of Water, Philadelphia, Pa.

TOMLIN, JR., ROBERT K. — May 12, 1914
Managing Editor, *Engineering Record*, 239 W. 39th Street, New York, N. Y.

TOMLINSON, SAM — July 14, 1887
100 Robinson Road, Singapore, S. S.

TOWNLEY, DAVID H. — May 30, 1916
Engineer, Elizabethtown Water Company, 139 Murray Street, Elizabeth, N. J.

TOWNSEND, E. R. — July 10, 1906
Hydraulic Engineer, 175 West Jackson Boulevard, Chicago, Ill.

TOYNE, J. W. — May 12, 1914
Superintendent Water Works, South Bend, Ind.

TRAUTWINE, JR., JOHN C., C.E. — May 27, 1896
257 South Fourth Street, Philadelphia, Pa.

TRAX, E. C. — June 10, 1911
Chemist Filtration Plant, McKeesport, Pa.

TRETHOWAN, H. C. — May 12, 1915
Under Secretary for Water Supply, 56 James Street, Perth, West Australia.

TRIBUS, LOUIS LINCOLN, C.E. — May 12, 1908
86 Warren Street, New York, N. Y.

TRISTRAM, THOMAS — July 18, 1907
Chemist and Bacteriologist, 706 East Erie Avenue, Lorain, Ohio.

TROW, LINDEN C. — June 4, 1912
Superintendent Water Works, Lake Forest, Ill.

TUTTLE, ARTHUR S. — July 10, 1906
Assistant Chief Engineer, Board of Estimate and Apportionment, Municipal Building, New York, N. Y.

VAN BUSKIRK, L. H. — Oct. 16, 1914
Director, Division of Laboratories, Ohio State Board of Health, Columbus, O.

VANDUYNE, J. RALPH — June 27, 1905
256 Mount Prospect Avenue, Newark, N. J.

VAN GILDER, L. — July 10, 1906
Engineer and Superintendent Water Department, City Hall, Atlantic City, N. J.

VAN LOAN, SETH M. — May 12, 1914
4334 Pine St., Philadelphia, Pa.

VAN TRUMP, S. N. — Feb. 8, 1916
Assistant Engineer and Superintendent Water Works, Wilmington, Del.

VASCONCELLOS, JOSHUA — May 3, 1916
Commissioner of Public Property, City Hall, Jacksonville, Ill.

VEATCH, JR., N. T. — Dec. 20, 1915
Consulting Engineer, 507 Inter-State Building, Kansas City, Mo.

VERMEULE, CORNELIUS C., C.E. — June 8, 1909
203 Broadway, New York, N. Y.

VEST, W. E. — June 10, 1911
Superintendent Water Works, Charlotte, N. C.

VINAL, C. H. — June 24, 1913
Consulting Engineer, 522 Sixty-eighth Street, West Allis, Wis.

VOLKHARDT, WILLIAM — June 11, 1902
15 Townsend Avenue, Stapleton, N. Y.

VON RECKLINGHAUSEN, MAX, PH. D. — April 16, 1914
50 Broad Street, New York, N. Y.

VROOMAN, MORRELL — June 24, 1913
Sanitary Engineer, Gloversville, N. Y.

WAGENHALS, HERBERT H. — Aug. 24, 1915
Box 25, Fort Wayne, Ind.

WAGNER, BERNARD M. — Nov. 24, 1914
Consulting Engineer, 55 Liberty Street, New York, N. Y.

WAGNER, H. F. — May 12, 1914
Chemist, Holly House, Corner Massachusetts and Seventh Avenue, Buffalo, N. Y.

WALDEN, A. E. — May 12, 1908
Superintendent and Chief Engineer, 100 West Fayette Street, Baltimore, Md.

WALKER, ALBERT J. — Feb. 25, 1914
Chief Engineer Water Works, Ambler, Pa.

WALKER, ELTON D. — July 18, 1907
Consulting Engineer, Professor Hydraulic and Sanitary Engineering, Pennsylvania State College, 16 Engineering Building, State College, Pa.

WALL, EDWARD E. — June 7, 1904
Water Commissioner, 312 City Hall, St. Louis, Mo.

WALRADT, ARTHUR E. — Jan. 27, 1914
26 Liberty Street, New York, N. Y.

WARDER, CHARLES — Jan. 8, 1916
Superintendent Water Works, Niagara Falls, Ont.

WARDWELL, EVERETT C. — July 20, 1916
Trustee Kennebec Water District, Waterville, Me.

WARING, F. HOLMAN — April 14, 1915
Assistant Engineer, Division of Sanitary Engineering, State Board of Health, Columbus, O.

WARNER, G. H. — April 4, 1916
Superintendent Water Works, St. Petersburg, Fla.

WATERMAN, FAY L. — Feb. 25, 1914
Superintendent, 115 Jefferson Avenue, Endicott, N. Y.

WATKINS, THOMAS — May 18, 1892
Mechanical Engineer, Johnstown, Pa.

WATTERS, GEORGE LAWRENCE — Feb. 25, 1914
Hydraulic Engineer Lehigh Valley R. R., South Bethlehem, Pa.

WEBSTER, DAVID LOUIS — May 30, 1916
Mechanical Engineer, Brantford Water Company, 18 Leonard Street, Brantford, Ont.

WEBSTER, EDWIN ROLAND — Jan. 15, 1916
Consulting Engineer, 511 Webster Building, Chicago, Ill.

WEGMAN, EDWARD — June 11, 1902
Consulting Engineer, Park Row Building, New York, N. Y.

WEHR, ALBERT H. — June 18, 1901
Secretary and Treasurer Baltimore County Water and Electric Company, Baltimore, Md.

WELKER, JOSEPH E. — Jan. 24, 1916
Assistant Engineer, State Board of Health, University Club, Lawrence, Kan.

WELLS, GEORGE M. — June 24, 1913
Resident Engineer Division Municipal Engineering, Isthmian Canal Commission, Balboa Heights, C. Z.

WELLS, J. N. — July 18, 1907
Superintendent Kokomo Water Company, Kokomo, Ind.

WEST, FRANCIS D. — Feb. 25, 1914
Chemist Torresdale Laboratory, Torresdale, Philadelphia, Pa.

WEST, GEO. F. — June 4, 1912
President Biddeford and Saco Water Company, Portland, Me.

WEST, GEORGE M. — March 17, 1916
Superintendent, 168 First St., Lehighton, Pa.

WEST, Vernon F. — June 25, 1914
Treasurer Rensselaer Water Company, Box 868, Portland, Me.

WESTON, ROBERT SPURR — June 15, 1898
Consulting Sanitary Engineer, 14 Beacon Street, Boston, Mass.

WESTOVER, GEORGE D. — June 10, 1911
General Manager Water and Light Company, Cadillac, Mich.

WETTER, CLARENCE H. — July 27, 1915
Superintendent Water Works, Tiffin, Ohio.

WHEELER, General ELBERT — June 24, 1903
14 Beacon Street, Boston, Mass.

WHEELER, ROBERT C. — Oct. 23, 1914
City Engineer, Summit, N. J.

WHEELER, SAMUEL — June 24, 1903
Superintendent Water Company, Ashland, Wis.

WHEELER, WILLIAM — July 10, 1906
Consulting Civil Engineer, 14 Beacon Street, Boston, Mass.

WHIPPLE, GEORGE CHANDLER — June 7, 1904
Consulting Engineer, Professor Sanitary Engineering, Harvard University, Pierce Hall, Cambridge, Mass.

WHITE, GILBERT C., C.E. — May 12, 1908
Durham, N. C.

WHITE, WARREN M. — March 28, 1914
9 Tracy Street, Utica, N. Y.

WHITLOCK, AUGUSTUS N. — June 4, 1912
Highland Park, New Brunswick, N. J.

WHITMAN, EZRA B. — April 27, 1910
Civil and Sanitary Engineer, 1320 Munsey Building, Baltimore, Md.

WHITMAN, JOHN G., C.E. — March 14, 1916
Superintendent Construction, 104 Penn Street, Quincy, Mass.

WHITTAKER, H. A. — June 24, 1913
Director, Division of Sanitation, State Board of Health, Minneapolis, Minn.

WICKHAM, JAMES T. — April 16, 1914
Mount Folly, Wexford, Ireland.

WIGHT, H. C. — May 14, 1915
General Superintendent Division of Water, Dayton, O.

WIGLEY, CHESTER G., C.E. — April 27, 1910
Chief, Bureau of Engineering, State Department of Health, Trenton, N. J.

WILCOX, FRANK L. — May 12, 1914
Consulting Engineer, Syndicate Trust Building, St. Louis, Mo.

WILCOX, WILLIAM A. — May 12, 1914
Scranton, Pa.

WILCOX, WILLIAM F. — April 27, 1910
Superintendent Central Water Works, Ensley, Ala.

WILES, C. W. — May 17, 1899
Superintendent Water Works, Delaware, Ohio.

WILHELM, GEORGE — June 24, 1913
Chief Engineer People's Water Company, Oakland, Cal.

WILKINSON, JAMES H. — May 14, 1915
Superintendent Water Works, Bellaire, O.

WILL, CHARLES K. — March 1, 1916
Superintendent Water Works, 118 S. Queen Street, Lancaster, Pa.

WILLARD, ERNEST C., C.E. — Oct. 23, 1914
841 Henry Building, Seattle, Wash.

WILLETT, J. F. — May 9, 1915
Superintendent Water Works, Billings, Mont.

WILLETT, WALLACE — June 24, 1913
185 N. Arlington Avenue, East Orange, N. J.

WILLIAMS, C. B. — Nov. 19, 1914
Hydraulic and Sanitary Engineer, 54 Randolph Street, Chicago, Ill.

WILLIAMS, GARDNER S. — July 10, 1906
Consulting Engineer, Cornwell Building, 1018 Commercial Exchange Building, Chicago, Ill.

WILLIAMS, HOWARD L. — Aug. 22, 1894
Superintendent Water Works, Ludington, Mich.

WILLIAMSON, CLIFF T. — June 24, 1913
Water Commissioner, 2554 Houston Road, Macon, Ga.

WILLSON, WILLIAM JAY — June 8, 1916
Superintendent Water Works, Greenwich, Conn.

WILSON, EDGAR K. — June 24, 1913
Principal Assistant Engineer, care of The Pitometer Company, 25 Elm Street, New York, N. Y.

WILSON, HORACE — May 12, 1914
President and General Manager, 404 South Clayton Street, Wilmington, Del.

WILSON, JAMES B. — April 14, 1915
Chief Engineer and Superintendent, Louisville Water Company, Louisville, Ky.

WILSON, JOHN — April 27, 1910
City Engineer, Duluth, Minn.

WINDHOLZ, CHARLES A. — May 30, 1916
Superintendent Bureau of Water, Syracuse, N. Y.

WINGFIELD, NISBET — June 10, 1911
Consulting Engineer, Augusta, Ga.

WINSLOW, C. E. A. — April 21, 1915
Yale Medical School, New Haven, Conn.

WINSLOW, FREDERIC I. — Oct. 16, 1914
Assistant Engineer Highway Division, 501 City Hall Annex, Boston, Mass.

WINSLOW, W. H. — June 8, 1909
Vice-President and General Manager Superior Water, Light and Power Company, Superior, Wis.

WOLBERT, H. E. — May 30, 1916
Superintendent New York Inter-Urban Water Company, Mount Vernon, N. Y.

WOLFE, R. A., C.E. — April 23, 1915
Virden, Ill.

WOOD, JR., EDWARD R. — April 4, 1916
President and Treasurer Tampa Water Works Company, 401 Chestnut Street, Philadelphia, Pa.

WOOD, WALTER — June 7, 1904
President Millville Water Company, 400 Chestnut Street, Philadelphia, Pa.

WOODBURN, WILLIAM F. — June 24, 1903
201 Devonshire St., Boston, Mass.

WOOLFOLK, HENRY E. — June 4, 1912
Superintendent Water Works, Danville, Ky.

WORRELL, M. L. — June 24, 1903
General Manager Water Works, Meridian, Miss.

WORTHEN, JESSE M. — June 8, 1909
Superintendent Charleston Light and Water Company, 14 George Street, Charleston, S. C.

WRIGHT, JOHN BERTRAM, C.E. — July 28, 1914
Oxford, Mass.

WYNNE-ROBERTS, R. O. — June 24, 1903
310 Temple Building, Toronto, Ontario.

WYSE, F. C. — June 10, 1910
Engineer and Superintendent Sewers and Water Works, Columbia, S. C.

YEAGER, A. J. — May 12, 1908
Dunn Building, Buffalo, N. Y.

YEAKEL, D. DAWSON — May 12, 1914
Superintendent, Oak Lane, Philadelphia, Pa.

YEREANCE, W. B. June 4, 1912
Consulting Engineer and Operator for Public Utilities, 128 Broadway, New York, N. Y.

YOUNG, A. A. Oct. 23, 1914
Superintendent Water Works, Jewett City, Conn.

YOUNG, C. C. Jan. 27, 1914
Director State Water Survey, Lawrence, Kansas.

YOUNG, WILLIAM R. June 8, 1909
Registrar Water Works, City Hall, Minneapolis, Minn.

CORPORATE MEMBERS

Agua Pura Company 701 Douglas Avenue, East Las Vegas, N. M.	June 8, 1909
Akron City Water Works 58 S. Howard Street, Akron, Ohio.	June 24, 1913
Alexandria Water Co. Alexandria, Va.	June 8, 1909
American Water Works and Electric Company, Inc. Mr. H. Hobart Porter, President, 50 Broad Street, New York, N. Y.	June 28, 1915
Auburn Water Department Auburn, N. Y.	June 10, 1911
Baton Rouge Water Works Company Baton Rouge, La.	April 16, 1914
Birmingham Water Company Derby, Conn.	Oct. 16, 1914
Board of Fire and Water Commissioners City Hall, Kansas City, Mo.	Dec. 18, 1913
Board of Public Works Water Department, Court House, Boonville, Mo.	June 28, 1915
Board of Water Commissioners Mr. John Taylor, Chairman, Wildwood, N. J.	June 8, 1916
Board of Water and Electric Light Commissioners Lansing, Mich.	May 13, 1916
Brantford Water Commissioners Brantford, Ont.	June 10, 1911
Bureau of Sanitary Engineering State Board of Health, Bowling Green, Ky.	April 9, 1913
Bureau of Water Mr. F. A. Tyson, Superintendent, City Hall, Reading, Pa.	March 1, 1916
Bureau of Water Works and Supply 645 S. Olive St., Los Angeles, Calif.	June 8, 1909
Cedar Rapids Water Commissioners Cedar Rapids, Iowa.	June 24, 1913
Charleston Light and Water Company Charleston, S. C.	June 4, 1912

CITIZENS WATER SUPPLY CO. Elmhurst, Long Island, N. Y.	June 8, 1909
CITY OF AMSTERDAM Department Public Works, Amsterdam, N. Y.	June 8, 1909
CITY WATER AND LIGHT DEPARTMENT Sault Ste. Marie, Ont.	June 8, 1909
COLUMBIA WATER AND LIGHT COMPANY Columbia, Tenn.	May 10, 1914
COMMISSIONER OF PUBLIC PROPERTY Newport, Ky.	June 4, 1912
CORNING WATER WORKS Corning, N. Y.	June 24, 1913
EAGLES MERE WATER COMPANY Eagles Mere, Pa.	April 22, 1914
EAST CHICAGO DEPARTMENT OF HEALTH, A. W. Hedrick, Chemist and Inspector, East Chicago, Ind.	April 14, 1915
EAST ORANGE BOARD OF WATER COMMISSIONERS East Orange, N. J.	June 8, 1909
ELMIRA WATER BOARD Elmira, N. Y.	April 19, 1915
ERIE COMMISSIONERS WATER WORKS City Hall, Erie, Pa.	June 10, 1911
EVANSVILLE WATER WORKS Evansville, Ind.	June 8, 1909
EXCELSIOR SPRINGS WATER, GAS AND ELECTRICITY CO. Excelsior Springs, Mo.	June 4, 1912
GALT WATER COMMISSION Galt, Ontario, Canada.	June 24, 1913
GRAND RAPIDS BOARD PUBLIC WORKS Grand Rapids, Mich.	June 24, 1913
GREATER WINNIPEG WATER DISTRICT S. H. Reynolds, Chairman, Winnipeg, Man.	March 28, 1914
HANOVER AND MCSHERRYTOWN WATER COMPANY Newport, Pa.	May 10, 1914
HOPKINSVILLE WATER COMPANY Hopkinsville, Ky.	May 9, 1915
LACROSSE BOARD OF PUBLIC WORKS LaCrosse, Wis.	June 10, 1911
LAKE CHARLES RAILWAY, LIGHT AND WATER WORKS CO. Lake Charles, La.	April 27, 1910
LORAIN WATER WORKS Lorain, Ohio.	Aug. 18, 1916

LOUISVILLE WATER CO. 549 Third St., Louisville, Ky.	June 8, 1909
MAHONING VALLEY WATER COMPANY, THE Jas. J. McNally, Secretary and Treasurer, Youngstown, Ohio.	June 8, 1916
MEMPHIS ARTESIAN WATER DEPARTMENT Memphis, Tenn.	June 8, 1909
METROPOLITAN BOARD WATER SUPPLY AND SEWAGE Sidney, Australia.	June 8, 1909
METROPOLITAN WATER DISTRICT Omaha, Neb.	June 24, 1913
MILLVILLE WATER COMPANY Millville, N. J.	June 15, 1916
MOBILE CITY COMMISSIONERS Mobile, Ala.	June 10, 1911
MOUNT CARMEL WATER CO Mount Carmel, Pa.	June 8, 1909
MOUNTAIN WATER COMPANY 114 South Front Street, Milton, Pa.	May 10, 1914
NEW ALBANY WATER WORKS New Albany, Ind.	April 27, 1910
OWEGO WATER WORKS COMPANY Owego, N. Y.	April 22, 1914
PENNICHUCK WATER WORKS 144 Main Street, Nashua, N. H.	Oct. 31, 1914
PETERBOROUGH UTILITIES COMMISSION Waterworks Department, 253 Hunter Street, Peterborough, Ont., Canada.	June 10, 1911
PEOPLE'S WATER COMPANY Oakland, Cal.	March 24, 1916
PUBLIC SERVICE DEPARTMENT 575 Broadway, Glendale, Cal.	Dec. 30, 1914
PUBLIC UTILITIES COMMISSION London, Canada.	June 8, 1909
RENO POWER, LIGHT AND WATER COMPANY Reno, Nev.	June 24, 1913
ROANOKE WATER WORKS CO. Francis W. Collins, Consulting Engineer, 50 Church Street, New York, N. Y.	June 8, 1909
SAGINAW WATER DEPT. Saginaw, Mich.	June 8, 1909

San Diego Department of Water San Diego, Calif.	June 10, 1911
San José Water Company San José, Cal.	June 24, 1913
Scranton Gas and Water Co. 115 Wyoming Ave., Scranton, Pa.	June 4, 1912
South Bend Water Department South Bend, Ind.	April 9, 1915
South Easton Water Co. 102 South Third St., Easton, Pa.	June 4, 1912
St. Thomas Water Commissioners St. Thomas, Ont.	June 8, 1909
Steelton Water Department Steelton, Pa.	June 8, 1909
Stratford Water Commissioners Stratford, Ont.	April 27, 1910
Suffern Water Commissioners Suffern, N. Y.	June 10, 1911
Superintendent Water Division Room 303, City Hall, Spokane, Wash.	June 4, 1912
Sweetwater Water Co. National City, Calif.	June 8, 1909
Temple Water Works Temple, Texas.	April 27, 1910
Trafford Water Co. 201 Westinghouse Building, Pittsburgh, Pa.	June 8, 1909
Trenton Water Works Trenton, N. J.	June 8, 1909
Tri-Cities Water Co. 514 Smithfield St., Pittsburgh, Pa.	June 8, 1909
Urban Water Supply Co. 60 Wall St., New York, N. Y.	June 4, 1912
Waco Water Works City Hall, Waco, Texas.	April 27, 1910
Washington Power, Light and Water Company Anacortes, Wash.	June 8, 1909
Water Works Department Anaconda Copper Mining Co., Anaconda, Mont.	April 27, 1910
Waterloo Water and Light Commission Waterloo, Ont., Canada.	April 9, 1915

WATERTOWN WATER WORKS Watertown, N. Y.	June 8, 1909
WESTERN NEW YORK WATER COMPANY 704 Electric Building, Buffalo, N. Y.	June 24, 1913
WHITE PLAINS DEPARTMENT OF PUBLIC WORKS Mr. Carl P. Abbott, Dep. Comr. in charge of Water Works, White Plains, N. Y.	Aug. 18, 1916
WILLIAMSPORT WATER CO. 330 Pine St., Williamsport, Pa.	June 8, 1909

ASSOCIATE MEMBERS

ADDRESSOGRAPH COMPANY 901 West Van Buren Street, Chicago, Ill.	June 10, 1906
ALBERGER PUMP AND CONDENSER COMPANY 140 Cedar Street, New York, N. Y.	June 10, 1911
ALLIS-CHALMERS MANUFACTURING COMPANY Milwaukee, Wis.	June 27, 1905
AMERICAN CAR AND FOUNDRY COMPANY Berwick, Columbia County, Pa.	June 4, 1912
AMERICAN CAST IRON PIPE COMPANY Birmingham, Ala.	July 18, 1907
AMERICAN FOUNDRY AND MANUFACTURING COMPANY 10th, 11th, Hebertt and Wright Streets, St. Louis, Mo.	May 12, 1908
AMERICAN MANGANESE BRONZE COMPANY Holmesburg, Philadelphia, Pa.	May 13, 1916
AMERICAN PIPE AND CONSTRUCTION COMPANY 112 North Broad Street, Philadelphia, Pa.	June 24, 1903
AMERICAN SPIRAL PIPE WORKS F. B. Sanborn, Eastern Sales Manager, 50 Church St., New York, N. Y.	Aug. 18, 1916
AMERICAN STEEL AND WIRE COMPANY The Rookery, Chicago, Ill.	June 24, 1903
ARNOLD, HOFFMAN AND COMPANY, INC. P.O. Box 762, New York, N. Y.	Dec. 4, 1913
BADGER METER MANUFACTURING COMPANY 261 Third Street, Milwaukee, Wis.	June 8, 1909
BALDWIN, ROBERT C. Secretary C. Lee Cook Manufacturing Company, 916 Eighth Street, Louisville, Ky.	May 14, 1915
BERG, J. D. Vice-President Dravo Doyle Company, Diamond Bank Building, Pittsburgh, Pa.	May 12, 1914
BIRCH VALVE AND MANUFACTURING COMPANY 3719 Broadway, Chicago, Ill.	May 12, 1914
BOURBON COPPER AND BRASS WORKS COMPANY 618 East Front Street, Cincinnati, Ohio.	April 17, 1889
BOWLER FOUNDRY COMPANY THE 1692 Columbus Road, Cleveland, O.	May 9, 1915
BOYD AND BROTHER, INCORPORATED, JAMES 25th and Wharton Streets, Philadelphia, Pa.	June 10, 1911

Bristol Company, The Waterbury, Conn.	June 13, 1916
Buffalo Meter Company 2917 Main Street, Buffalo, N. Y.	June 27, 1905
Builders' Iron Foundry 9 Codding Street, Providence, R. I.	June 18, 1901
Carbic Manufacturing Company West Duluth Station, Duluth, Minn.	June 1, 1916
Central Foundry Company 90 West Street, New York, N. Y.	June 24, 1903
Chapman Valve Manufacturing Company Indian Orchard, Mass.	April 16, 1884
Chicago Bridge and Iron Company 37 West Van Buren Street, Chicago, Ill.	June 15, 1898
Clark Company, H. W. 115 South 17th Street, Mattoon, Ill.	May 12, 1908
Clow and Sons, J. B. Harrison and Franklin Streets, Chicago, Ill.	April 27, 1885
Cochrane Chemical Company 40 Central Street, Boston, Mass.	July 10, 1906
Coldwell-Wilcox Company Newburgh, N. Y.	April 16, 1914
Colorado Fuel and Iron Company Denver, Colo.	June 7, 1897
Columbian Iron Works Chattanooga, Tenn.	April 27, 1910
Cook, A. D. Manufacturer Well Pumps and Strainers, Lawrenceburg, Ind.	Feb. 17, 1915
Darling Pump and Manufacturing Company, The Williamsport, Pa.	May 12, 1908
Joseph Dixon Crucible Company Jersey City, N. J.	May 14, 1915
Dresser Manufacturing Company, S. R. Manufacturing Pipe Couplings and Sleeves, Bradford, Pa.	June 7, 1904
East Jersey Pipe Company, The 50 Church Street, New York, N. Y.	July 10, 1906
Eddy Valve Manufacturing Company Waterford, N. Y.	June 26, 1886

EIMER AND AMEND 205 Third Avenue, New York, N. Y.	May 13, 1916
ELECTROLYTIC PURIFICATION COMPANY 15th Street and Lehigh Avenue, Philadelphia, Pa.	June 4, 1912
FAIRBANKS COMPANY, THE 416 Broome Street, New York, N. Y.	May 30, 1916
FARNAN BRASS WORKS 1104 Center Street, Cleveland, Ohio.	May 18, 1892
FLOWER-STEPHENS MANUFACTURING COMPANY Detroit, Mich.	June 24, 1913
FORD, JAMES T. Assistant Manager, 618-620 East Front Street, Cincinnati, O.	March 4, 1915
FORD METER BOX COMPANY Wabash, Ind.	May 12, 1908
FOX AND COMPANY, JOHN 253 Broadway, New York City, N. Y.	June 8, 1909
GAMON METER COMPANY Newark, N. J.	May 14, 1916
GARLOCK PACKING COMPANY Palmyra, N. Y.	May 12, 1908
GENERAL CHEMICAL COMPANY 112 West Adams Street, Chicago, Ill.	June 11, 1902
GILLESPIE, T. A. President T. A. Gillespie Company, 50 Church St., New York, N. Y.	June 7, 1904
GLAMORGAN PIPE AND FOUNDRY COMPANY, THE Lynchburg, Va.	April 27, 1910
GLAUBER BRASS MANUFACTURING COMPANY 4917 Superior Avenue, Cleveland, Ohio.	June 7, 1904
GOULD, NORMAN J. President The Goulds' Manufacturing Company, Seneca Falls, N. Y.	July 10, 1906
GROVE ELECTRIC INDICATOR COMPANY 125 Thirteenth Street, N. E., Washington, D. C.	June 24, 1913
HARRISON BROTHERS AND COMPANY, INC. Thirty-fifth Street and Grays Ferry Road, Philadelphia, Pa.	May 12, 1908
HAYS MANUFACTURING COMPANY Erie, Pa.	March 15, 1882
JAMES HERMISTON MANUFACTURING COMPANY 17 Battery Place, New York, N. Y.	June 24, 1913

HERSEY MANUFACTURING COMPANY South Boston, Mass.	July 14, 1887
ILLINOIS MALLEABLE IRON COMPANY 1801 Diversey Boulevard, Chicago, Ill.	May 21, 1890
INTERNATIONAL FILTER COMPANY 38 South Dearborn Street, Chicago, Ill.	May 9, 1915
JARECKI CHEMICAL COMPANY Cincinnati, Ohio.	June 8, 1909
KALBFLEISCH COMPANY, FRANKLIN H. 31 Union Square, West, New York, N. Y.	June 8, 1909
KELLOGG AND COMPANY, E. H. 243 South Street, New York, N. Y.	July 14, 1887
KENNEDY VALVE MANUFACTURING COMPANY, THE M. E. Kennedy, Treasurer, Elmira, N. Y.	May 29, 1895
KINGSLEY, E. D., President 18 East 41st Street, New York, N. Y.	June 24, 1913
LAYNE AND BOWLER COMPANY Memphis, Tenn.	June 8, 1916
LEAD LINED IRON PIPE COMPANY, THE Wakefield, Mass.	June 15, 1898
LEADITE COMPANY, INCORPORATED, THE Land Title Building, Philadelphia, Pa.	April 27, 1910
LENNIG AND COMPANY, INCORPORATED, CHARLES Bridesburg, Philadelphia, Pa.	June 4, 1912
LINTHICUM, E. E. Vice-President National Cast Iron Pipe Company, Birmingham, Ala.	May 17, 1916
LOCK JOINT PIPE COMPANY Box 21, Ampere, N. J.	Oct. 26, 1915
LUDLOW VALVE MANUFACTURING COMPANY Troy, N. Y.	March 15, 1882
LYNCHBURG FOUNDRY COMPANY Lynchburg, Va.	June 13, 1916
MCBRIDE, THOMAS C. Representing H. R. Worthington, North American Building, Philadelphia, Pa.	March 1, 1916
MCFARLAN, CHARLES E. President Wm. Powell Company, Cincinnati, O.	May 14, 1915
MCGOWAN COMPANY, JOHN H., THE 54–64 Central Avenue, Cincinnati, Ohio.	June 24, 1913

McQuistan, Andrew Nisbet — Jan. 12, 1915
Ironfounder, Craigward, Busby, near Glasgow, Scotland.

Massillon Iron and Steel Company, The — June 4, 1912
Massillon, O.

Modern Iron Works — June 27, 1905
Quincy, Ill.

Mogul Company — June 8, 1916
126 Fifth Avenue, New York, N. Y.

Mueller Manufacturing Company, H. — March 15, 1882
Decatur, Ill.

Multiplex Manufacturing Company — May 11, 1914
Berwick, Pa.

National Meter Company — March 15, 1882
84-86 Chambers Street, New York, N. Y.

National Water Main Cleaning Company — July 10, 1906
50 Church Street, New York, N. Y.

Neptune Meter Company — August 22, 1894
90 West Street, New York, N. Y.

New York Continental Jewell Filtration Company — April 18, 1891
15 Broad Street, New York, N. Y.

Norwood Engineering Company — May 9, 1915
Florence, Mass.

Pacific Flush Tank Company — June 10, 1911
1415 Singer Building, New York, N. Y.

Pennsylvania Salt Manufacturing Company, The — June 24, 1903
Widener Building, Philadelphia, Pa.

Permutit Company, The — April 14, 1914
30 East Forty-second Street, New York, N. Y.

Pitometer Company, The — July 10, 1906
25 Elm Street, New York, N. Y.

Pittsburg Filter Manufacturing Company — June 27, 1905
Farmers Bank Building, Pittsburgh, Pa.

Pittsburg Meter Company — June 15, 1898
East Pittsburgh, Pa.

Pittsburgh-Des Moines Steel Company — April 24, 1914
Pittsburgh, Pa.

Platt Iron Works Company — June 18, 1901
Dayton, Ohio.

Pratt & Cady Company, Inc. — June 24, 1913
Lock Box 66, Station A, Hartford, Conn.

Reisert Automatic Water Purifying Company 27 William Street, New York, N. Y.	June 24, 1913
Rensselaer Valve Company Troy, N. Y.	May 21, 1890
Rickersberg Brass Company, The Cleveland, Ohio.	June 10, 1911
Roberts, Charles V. President Roberts Filter Manufacturing Company, Darby, Philadelphia, Pa.	April 27, 1910
Ross Valve Manufacturing Company Oakwood Avenue, Troy, N. Y.	April 18, 1891
S. E. T. Valve and Hydrant Company 50 Church Street, New York, N. Y.	June 4, 1912
Sanitary Company of America, The Linfield, Pa.	May 14, 1914
Sanitation Corporation 50 Church Street, New York, N. Y.	May 9, 1915
Simplex Valve and Meter Company 625 Wood Street, Philadelphia, Pa.	May 12, 1914
Smith Manufacturing Company, Anthony P. East Orange, N. J.	June 7, 1897
Standard Asphalt and Rubber Company 205 La Salle Street, Chicago, Ill.	May 12, 1908
Standard Cast Iron Pipe Company Bristol, Pa.	May 30, 1916
Sullivan Machinery Company 122 South Michigan Avenue, Chicago, Ill.	April 23, 1915
Taylor Company, W. P. 218 Ellicott Square, Buffalo, N. Y.	March 15, 1882
Thomson Meter Company 100 Bridge Street, Brooklyn, N. Y.	April 15, 1891
Union Water Meter Company 33 Hermon Street, Worcester, Mass.	March 15, 1882
United Brass Manufacturing Company Cleveland, Ohio.	May 11, 1914
United Lead Company 111 Broadway, New York, N. Y.	May 12, 1908
United States Cast Iron Pipe and Foundry Company 1421 Chestnut Street, Philadelphia, Pa.	June 11, 1902

VOORHEES RUBBER MANUFACTURING COMPANY Mr. G. F. Covell, Sales Manager, 18 to 50 Bostwick Avenue, Jersey City, N. J.	June 1, 1916
WALLACE AND TIERNAN COMPANY 137 Centre Street, New York, N. Y.	May 9, 1915
WARREN FOUNDRY AND MACHINE COMPANY 11 Broadway, New York, N. Y.	June 10, 1911
WATER WORKS EQUIPMENT COMPANY Rooms 1950–51, 50 Church Street, New York, N. Y.	July 10, 1906
WOLFF, S. District Manager, DeLaval Steam Turbine Company, 629 Peoples Gas Building, Chicago, Ill.	April 9, 1915
WOOD AND COMPANY, R. D. 400 Chestnut Street, Philadelphia, Pa.	April 16, 1884
WOODS, FLOYD F. Sales Manager Epping Carpenter Pump Company, 1376 Montezuma Street, Pittsburgh, Pa.	May 14, 1915
WORTHINGTON PUMP AND MACHINERY CORPORATION 115 Broadway, New York, N. Y.	June 18, 1901
WYCKOFF AND SON COMPANY, A. Elmira, N. Y.	July 18, 1907

GEOGRAPHICAL DISTRIBUTION OF MEMBERSHIP

ALABAMA

Active 12; Corporate 1; Associate 2; Total 15

ACTIVE

Birmingham: Decker, A. C.; Donaldson, W.; Horner, H. H.; Kirkpatrick, W. G.; Sweet, E. O.
Ensley: Wilcox, W. F.
Montgomery: Barganier, M. E.
Selma: Jones, J. W.
Sheffield: Johnson, H. B.
Tuscaloosa: Abbott, C. E.; Kay, E. B.
University P. O.: Davis, G. J.

CORPORATE

Mobile: Mobile City Commissioners

ASSOCIATE

Birmingham: American Cast Iron Pipe Co.; Linthicum, E. E.

ARIZONA

Active 3; Total 3

ACTIVE

Flagstaff: Giclas, E.
Morenci: DuMoulin, W. L.
Winkelman: Grasty, E. C.

ARKANSAS

Active 2; Total 2

ACTIVE

Fort Smith: Bruce, W. H.
Pine Bluff: Fowles, B. C.

CALIFORNIA

Active 35; Corporate 6; Honorary 1; Total 42

ACTIVE

Alamida: Daniels, P. I.
Berkeley: Bachman, F.; Gillespie, C. G.; Hilscher, R.; Hyde, C. G.; Klaus, F. J.
Coalinga: Peeler, R. L.
Hanford: Isaac, F. N.
Lodi: Jackson, P.
Los Angeles: Dessery, F. C.; Finkle, F. C.; Lee, C. H.; Sonderegger, A. L.
Martinez: Shibley, E. H.
Oakland: Curtin, W. R.; Gilman, C. E.; Wilhelm, G.
Pacific Grove: Olmsted, C. S.
Pasadena: Allin, T. D.
Sacramento: Ehret, L. D.
San Diego: Ervast, A.
San Francisco: Brua, E. G.; Campbell, H. A.; Cattell, W. A.; Dockweiler, J. H.; Elliott, C. A.; Flaa, I. E.; Head, C. B.; Hunter, T. B.; O'Shaughnessy, M. M.; Pracy, G. W.; Shibley, K.
San José: Relph, O. S.; Rice, P. D.
Stockton: Hall, J. W.

CORPORATE

GLENDALE,
Public Service Department
LOS ANGELES,
Bureau of Water Works & Supply
NATIONAL CITY,
Sweetwater Water Co.
OAKLAND.....Peoples' Water Co.
SAN DIEGO,
San Diego Department of Water
SAN JOSÉ.....San José Water Co.

HONORARY

BERKELEY.....LeConte, L. J.

COLORADO

Active 6; Associate 1; Total 7

ACTIVE

COLORADO SPRINGS,
McReynolds, B. B.
DENVER..... { Catchpole, C. T.
Fellows, A. L.
DENVER..... { McCue, W. F.
Robinson, W. P.
Thomas, D. G.

ASSOCIATE

DENVER....Colorado Fuel & Iron Co.

CONNECTICUT

Active 15; Corporate 1; Associate 2; Honorary 1; Total 19

ACTIVE

ANSONIA.....Davis, F. J.
BRIDGEPORT.....Senior, S. P.
GREENWICH.....Willson, W. J.
HARTFORD..... { Newlands, J. A.
Peck, E. M.
JEWETT CITY.....Young, A. A.
MIDDLETOWN.....Smith, G. Z.
NEW HAVEN.... { Harrub, C. N.
Hill, A. B.
Minor, E. E.
Winslow, C. E. A.
SOUTHINGTON.....McKenzie, S. H.
STAMFORD.....Hatch, E. L.
THOMPSONVILLE.....Schwabe, W. P.
WATERBURY.....McDonald, C. E.

CORPORATE

DERBY.....Birmingham Water Co.

ASSOCIATE

HARTFORD....Pratt & Cady Co. Inc.
WATERBURY.....The Bristol Co.

HONORARY

NEW HAVEN.....Holly, I. A.

DELAWARE

Active 9; Total 9

ACTIVE

WILMINGTON..... { Alexander, M.
Coxe, W. G.
Hilles, T. A.
Hoopes, E. M.
Manahan, E. G.
WILMINGTON .... { Poole, A. D.
Shaw, B. F.
van Trump, S. N.
Wilson, H.

DISTRICT OF COLUMBIA

Active 9; Associate 1; Total 10

ACTIVE

WASHINGTON: Doten, L. S.; Gaub, J.; Grove, E. H.; Hardy, E. D.; Howell, D. J.

WASHINGTON: Merrill, O. C.; Phelps, E. B.; Rhynus, C. P.; Stevens, H.

ASSOCIATE

WASHINGTON: Grove Electric Indicator Co.

FLORIDA

Active 8; Total 8

ACTIVE

DAYTONA: Main, G. A.

JACKSONVILLE: Ellis, R. N.; Hayes, W. D.; Murphy, L. E.

JACKSONVILLE: Smoot, L. D.

MIAMI: Hyman, H. H.

ST. PETERSBURG: Warner, G. H.

TAMPA: McFarland, C. R.

GEORGIA

Active 11; Total 11

ACTIVE

ATLANTA: Clayton, R. M.; Rapp, W. M.; Smith, W. Z.; Solomon, G. R.

AUGUSTA: Wingfield, N.

COMMERCE: Caston, D. L.

JACKSON: MERCK, W. E.

LA GRANGE: Hazlehurst, G. H.

MACON: Longworthy, H. D., Jr.; Williamson, C. C.

SAVANNAH: Figg, J. P.

ILLINOIS

Active 129; Associate 14; Total 143

ACTIVE

ALTON: Miller, J. A.; Parker, C. T.

ANNA: Fitch, J. L.

AURORA: Habermeyer, G. C.; LaRue, A. H.; Leaf, C. E.; Miller, C.

BEARDSTOWN: Aldrich, A. C.

BLOOMINGTON: Melluish, J. G.

CAIRO: Magner, W.; Roos, C. M.

CANTON: Gallagher, J. P.

CARBONDALE: Hamilton, C. E.

CARLINVILLE: Castle, G. J.

CHAMPAGNE: Amsbary, F. C.

CHICAGO: Allen, W. H.; Alvord, J. W.; Anderson, F. D.; Barnes, W. T.; Bauereisen, R. J.; Bemis, E. W.; Blauvelt, A.; Brown, C. C.; Burdick, C. B.; Converse, W. A.; Cooley, L. E.; Davidson, G. M.; DeBerard, W. W.; Ericson, J. E.; French, D. K.; Gehrmann, Dr. A.; Gerber, W. D.; Graham, D.; Green, P. E.; Hadden, S. C.; Hardgrave, A.; Hecht, J. L.; Howson, L. R.; Jennings, C. A.; Jordon, E. O.

Chicago
- Keeler, H. E.
- Knowles, C. R.
- Letton, H. P.
- Levering, W. A.
- Lucas, H. L.
- Maury, D. H.
- Miller, M.
- Mory, A. V. H.
- Nichols, A. E.
- Pearse, L.
- Phillips, T. C.
- Shaw, W. A.
- Sherman, L. K.
- Shields, W. S.
- Townsend, E. R.
- Webster, E. R.
- Williams, C. B.
- Williams, G. S.

Chicago Heights
- Ashdown, E. H.
- Fox, A. L.

Danville
- Ely, H. M.
- Symons, M. M.

Decatur ..... Pownall, W. A.

East St. Louis
- Brown, W. McK.
- Harper, E. F.
- Horner, C. M.

Effingham ..... Anderson, W. F.
Elgin ..... Kohn, C. L.
Elmhurst ..... Sturges, L.
Evanston ..... Brower, I. C.
Fairbury ..... Burns, T. W.
Freeport ..... Smith, O. T.
Fulton ..... O'Rourke, J.
Herrin ..... Brown, C. S.
Jacksonville ..... Vasconcellos, J.

Joliet
- O'Callahan, C. D.
- Strasser, J. M.

Kankakee ..... Cobb, C. H.
Lake Forest ..... Trow, L. C.
Lawrenceville ..... Dutton, M. S.
Lincoln ..... MacDonald, E.
Litchfield ..... Davis, D.

Mattoon
- Authenrith, A. J.
- Clark, H. W.
- James, C. L.

Mattoon ..... Rue, J. A.

Moline
- Carlson, M. R.
- Fritze, L. A.

Monmouth ..... McClenahan, W. T.
Mt. Carmel ..... Barnard, P.
Mt. Vernon ..... Brandli, H. E.
Murphysboro ..... Settle, W. O.
Oak Park ..... Matte, H. P. T.
Pana ..... Stanfield, A. C.
Pekin ..... Lautz, W. E.

Peoria
- Crozier, R.
- Morgan, H. B.
- Ringness, H.

Quincy ..... Gelston, W. R.

Rock Island
- Etzel, G. C.
- Murrin, J. A.

Rockford ..... Beckstrom, R. P.
Shelbyville ..... Chester, C. E.

Springfield
- Bennett, C. G.
- Drake, C. St.C.
- Hansen, P.
- Reid, W.
- Sjoblom, M. C.
- Spaulding, W. J.

Streator
- Huggans, D. E.
- Huggans, D. R.

Taylorville ..... Dappert, J. W.

Urbana
- Babbitt, H. E.
- Bartow, E.
- DeWolf, F. W.
- Enger, M. L.
- Ferguson, H. F.
- Fleming, V. R.
- Langelier, W. F.
- Mohlman, F. W.
- Parr, S. W.
- Savage, T.
- Talbot, A. N.
- Tanner, F. W.

Virden ..... Wolfe, R. A.
Warren ..... Spearen, G.
Waukegan ..... Allen, W. J.

Winnetka
- Greeley, S. A.
- Herdman, F. E.

ASSOCIATE

Chicago
- Addressograph Co.
- Amer. Steel & Wire Co.
- Birch Valve & Mfg. Co.
- Chicago Bridge & Iron Co.
- Clow & Sons, J. B.
- General Chemical Co.
- Ill. Malleable Iron Co.
- International Filter Co.
- Standard Asphalt & Rubber Co.
- Sullivan Machinery Co.
- Wolff, S.

Decatur ..... Mueller Mfg. Co., H.
Mattoon ..... Clark Co., H. W.
Quincy ..... Modern Iron Works

INDIANA

Active 20; Corporate 4; Associate 2; Total 26

ACTIVE

FORT WAYNE.....Wagenhals, H. H.
GARY.....Engle, S. G.; Luscombe, W.
INDIANAPOLIS...Brossman, C.; Garman, H. O.; Hurd, C. H.; Jordan, F. C.; Kirk, C. L.; Moore, J. W.
KOKOMO.....Wells, J. N.
LAFAYETTE.....Miller, M. N.
RICHMOND.....Dill, H. A.
SEYMOUR.....Peter W. F.
SOUTH BEND.....Ayres, T. H.; Toyne, J. W.
TERRE HAUTE.....Gwinn, D. R.; Taylor, W. E.
VALPARAISO.....Loomis, E. L.
WABASH.....Klare, R. W.
WASHINGTON.....Semans, C. R.

CORPORATE

EAST CHICAGO
East Chicago Dept. of Health
EVANSVILLE
Evansville Water Works.
NEW ALBANY
New Albany Water Works.
SOUTH BEND
South Bend Water Dept.

ASSOCIATE

LAWRENCEBURG.....Cook, A. D.
WABASH.....Ford Meter Box Co.

IOWA

Active 36; Corporate 1; Total 37

ACTIVE

AMES.....Evinger, M. I.
BURLINGTON.....Lawlor, F. D. H.
CARROLL.....Beiter, G. C.; Hanssen, H. M.
CEDAR FALLS.....Streeter, C. H.
COUNCIL BLUFFS....Coppock, W.; Etnyre, S. L.; Jensen, J. C.; Thornell, J. B.
CRESTON.....Croxen, C. A.
DAVENPORT.....Donahue, J. P.; Fisher, D. G.; Henderson, C. R.; Hooper, T. N.
DES MOINES.....Denman, C. S.; Higgins, L.; Kastberg, K. C.; Kinnaird, R. N.
DES MOINES.....Sumner, G. H.
DUBUQUE.....Stedman, B. F.
FT. DODGE.....Pray, J. W.
GRINNELL.....Mangold, J. F.
IOWA CITY.....Albert, H.; Dunlap, J. H.; Hinman, J. J.; Hostetler, W. A.
MASON CITY.....Judd, W. A.
MT. PLEASANT.....McMillan, T. W.
MUSCATINE.....Molis, W.
OSKALOOSA.....Hawkins, H. C.
OTTUMWA.....Brown, H. A.
SIOUX CITY.....Carlin, P.; Lewis, J. M.
WATERLOO.....Berry, J. P.; Shoemaker, G. E.
WAUKON.....Cowan, J. D.

CORPORATE

CEDAR RAPIDS.....Cedar Rapids Water Commissioners

KANSAS

Active 9; Total 9

ACTIVE

ATCHISON.....Chisham, J. M.
CHANUTE.....Pratt, C.
LAWRENCE.....Bruckmiller, F. W.; Haskins, C. A.; Welker, J. E.
LAWRENCE.....Young, C. C.
LYNDON.....Mavity, J. W.
MANHATTAN.....Conrad, L. E.
TOPEKA.....Shaw, J.

KENTUCKY

Active 20; Corporate 4; Associate 1; Total 25

ACTIVE

CATLETTSBURG.....Patton, W. A.
COVINGTON.....Harton, W. H.; Phillips, C. W.
DANVILLE.....Woolfolk, H. E.
HENDERSON.....Sieber, W.
LEBANON.....Rains, J. M.
LEXINGTON.....Cramer, W. S.
LOUISVILLE.....Hoge, W. L.; Long, G. J.; Lovejoy, W. H.
LOUISVILLE.....McGonigale, W. J.; Potter, C. S.; Stover, F. H.; Wilson, J. B.
MIDDLEBOROUGH...McGiboney, J. H.
NEWPORT.....Hornung, G.
OWENSBORO.....Breidenbach, E. H.
PADUCAH.....Burnett, M.
PARIS.....Mitchell, N.
WINCHESTER.....Attersall, C. F.

CORPORATE

BOWLING GREEN
Bureau of Sanitary Engineering.
HOPKINSVILLE
Hopkinsville Water Co.
LOUISVILLE.....Louisville Water Co.
NEWPORT.....Commissioner of Public Property.

ASSOCIATE

LOUISVILLE.....Baldwin, R. C.

LOUISIANA

Active 10; Corporate 2; Total 12

ACTIVE

LAKE CHARLES.....Landry, J. A.
NEW ORLEANS....Earl, G. G.; Earl, R.; Eastwood, J. T.; Fowler, E. A.
NEW ORLEANS..Levy, A. G.; Middlemiss, G. A.; Raymond, A.; Shields, F. S.
SHREVEPORT.....Kahn, L. I.

CORPORATE

BATON ROUGE.....Baton Rouge Water Works Co.
LAKE CHARLES..Lake Charles Railway, Light and Water Works Co.

MAINE

Active 17; Total 17

ACTIVE

BANGOR.....Brown, W. I.; Powell, A. C.
BIDDEFORD.....Burnie, A. N.
BRUNSWICK.....Bowker, C. L.
FAIRFIELD.....Connor, V. R.; Nye, S. A.
PORTLAND.....Graham, J. W.; Harris, C. R.; Payson, E. R.
PORTLAND.....Thorne, M.; West, G. F.; West, V. F.
WATERVILLE.....Boutelle, G. K.; Fuller, M. S.; Hall, A. S.; Thayer, F. C.; Wardwell, E. C.

MARYLAND

Active 16; Total 16

ACTIVE

BALTIMORE.....Adams, H.; Armstrong, J. W.; Clemmitt, R. L.
BALTIMORE.....Hall, H. R.; Jones, G. R.; McRae, H. C.

BALTIMORE: Morse, R. B.; Purcell, S.; Quick, A. M.; Seims, V. B.; Thomas, J. B.
BALTIMORE: Walden, A. E.; Wehr, A. H.; Whitman, E. B.
CUMBERLAND: Fowler, A. G.
HAGERSTOWN: Heard, A.

MASSACHUSETTS

Active 44; Associate 6; Total 50

ACTIVE

ATTLEBORO: Snell, G. H.
BOSTON: Barbour, F. A.; Bartlett, C. H.; Buss, E. A.; Foss, W. E.; French, E. V.; Fuller, F. L.; Glover, A. S.; Killam, S. E.; Lederer, A.; Metcalf, L.; Miller, H. A.; Sherman, C. W.; Smith, C. H.; Tilden, J. A.; Weston, R. S.; Wheeler, E.; Wheeler, W.; Winslow, F. I.; Woodburn, W. F.
BROCKTON: Kingman, H.
BROOKLINE: Hale, R. K.
CAMBRIDGE: Whipple, G. C.
CONCORD: Robinson, L. C.
DEDHAM: Staples, G. T.
DORCHESTER: McInnes, F. A.
FLORENCE: Ryan, W. G.
HOLYOKE: Gear, P.; Tighe, J. L.
LOWELL: Thomas, R. J.
NATICK: Adams, A. D.
NEW BEDFORD: Coggeshall, R. C. P.
NORTH ATTLEBORO: Plattner, W.
OXFORD: Wright, J. B.
QUINCY: Whitman, J. G.
READING: Bancroft, L. M.
SOUTHBRIDGE: Abbott, G. H.
SPRINGFIELD: Lochridge, E. E.
WELLESLEY: Hersey, F. C., Jr.
WEST SOMERVILLE: Lacount, H. O.
WILLIAMSTOWN: Mears, B.
WORCESTER: Batchelder, G. W.; Chapin, H.; Saxe, C. W.

ASSOCIATE

BOSTON: Cochrane Chemical Co.
FLORENCE: Norwood Engineering Co.
INDIAN ORCHARD, Chapman Valve Mfg. Co.
SOUTH BOSTON: Hersey Mfg. Co.
WAKEFIELD, Lead Lined Iron Pipe Co., The
WORCESTER: Union Water Meter Co.

MICHIGAN

Active 29; Corporate 3; Associate 1; Total 33

ACTIVE

ANN ARBOR: Hoad, W. C.
BAY CITY: Dawson, R. C.
CADILLAC: Westover, G. D.
DETROIT: Ayres, L. E.; Clancy, L. J.; Hubbell, C. W.; Hulett, M.; Leisen, T. A.
ESCANABA: Hatton, W. J.
FLINT: Baldwin, F. N.; Buzzell, R. S.
GRAND RAPIDS: Fitzpatrick, J. R.; Sperry, W. A.
HASTING: Tobias, E.
HIGHLAND PARK: Patterson, W. G.
HOLLAND: Champion, R. B.
IRON MOUNTAIN: Croll, E. A.
JACKSON: Bulkeley, O.; Cummin, G. C.; England, R. G.
KALAMAZOO: Houston, G.; Reed, W. F.
LUDDINGTON: Williams, H. L.
MANISTEE: Collins, F. W.
MENOMINEE: Campbell, J. J.
MT. CLEMENS: Keils, A.
MUNROE: Sterling, J. C.
SAGINAW: Eymer, H. H.
TRENTON: Myers, C. T.

CORPORATE

GRAND RAPIDS,
Grand Rapids Board of Public Works.

LANSING,
Board of Water and Electric Light Commissioners.

SAGINAW.....Saginaw Water Department.

ASSOCIATE

DETROIT....Flower-Stephens Mfg. Co.

MINNESOTA

Active 20; Associate 1; Honorary 2; Total 23

ACTIVE

AUSTIN.....Todd, W.
CHISHOLM.....Sullivan, C. J.
CROOKSTON.....Peterson, E.
DULUTH.....Gross, G. L.; Kelly, E. W.; Reed, D. A.; Wilson, John
LITTLE FALLS.....Gordon, T. C.
MINNEAPOLIS.....Bass, F. H.; Birdsall, L. I.
MINNEAPOLIS.....Calkins, W. N.; Cappelen, F. W.; Colehour, R. A.; Jensen, J. A.; Whittaker, H. A.; Young, W. R.
ST. CLOUD.....Seibert, J.
ST. PAUL.....Flanagan, J. C.; House, G. O.; Jones, W. N.

ASSOCIATE

DULUTH... Carbic Manufacturing Co.

HONORARY

ST. PAUL.....Bement, R. B. C.; Caulfield, J.

MISSISSIPPI

Active 8; Total 8

ACTIVE

CANTON.....Sharp, J. T.
HATTIESBURG.....Jones, B.
JACKSON.....Baylis, J. R.; Taylor, R. M.
MERIDIAN.....Worrell, M. L.
SENATOBIA.....Johnson, H. E.
VICKSBURG.....Steele, J. A.
YAZOO CITY.....Butler, J. S.

MISSOURI

Active 29; Corporate 3: Associate 1; Honorary 1; Total 34

ACTIVE

HANNIBAL.....Freiling, H. J.
INDEPENDENCE.....Gallagher, H. A.
JEFFERSON City...Landmann, L. B.
KANSAS CITY....Anderson, J. F.; Bardwell, R. C.; Black, E. B.; Bott, W. A.; Burns, C. S.; Klein, W. I.; McDonnell, R. E.; Veatch, N. T.
SEDALIA.....Andrews, L. P.
SPRINGFIELD.....Pate, R. L.
ST. LOUIS.....Allison, J. E.
ST. LOUIS.....Black, G. G.; Bock, F. L.; Coult, F. H.; Cutts, F. T.; Duenckel, F. W.; Flad, E.; Fuller, W. A.; Graf, A. V.; Henby, W. H.; Hollman, E. E.; Monfort, W. F.; Phillips, C. F.; Phillips, H.; Wall, E. E.; Wilcox, F. L.

CORPORATE

Boonville.....Board of Public Works.
Excelsior Springs..Excelsior Springs Water Gas and Electricity Co.
Kansas City.....Board of Fire and Water Commissioners.

ASSOCIATE

St. Louis.....American Foundry & Manufacturing. Co.

HONORARY

St. Louis.....Holman, M. L.

MONTANA

Active 6; Corporate 1; Total 7

ACTIVE

Billings.....Willett, J. F.
Bozeman.....Cobleigh, W. M.
Butte.....Carroll, E.
Great Falls.....Rohne, P. E.
Miles City.....Pruett, G. C.
Missoula.....Brown, G. R.

CORPORATE

Anaconda.....Water Works Department Anaconda Copper Mining Co.

NEBRASKA

Active 3; Corporate 1; Total 4

ACTIVE

Florence.....Jacobson, A.
Omaha.....Collins, G. J. S.
Omaha.....Prince, G. T.

CORPORATE

Omaha.....Metropolitan Water District

NEVADA

Active 2; Corporate 1; Total 3

ACTIVE

Goldfield.....Patrick, C. G.
Reno.....Campbell, G. A.

CORPORATE

Reno....Reno Power, Light & Water Co.

NEW HAMPSHIRE

Corporate 1; Total 1

CORPORATE

Nashua....Pennichuck Water Works

NEW JERSEY

Active 74; Corporate 4; Associate 5; Total 83

ACTIVE

Atlantic City.....Decker, J. H.; Manz, L. C.; Souder, B. F.; Van Gilder, L.
Boonton.....Breitzke, C. F.
Bridgeton.....Frederick, W. D.
Burlington.....Conard, W. R.; Probasco, S. R.
Camden.....Fithian, F. S.; Jones, W. C.; Long, J. H.
Collingswood.....Borden, M. M.

East Orange: Reimer, A. A.; Willett, W.
Elizabeth: Townley, D. H.
Glen Ridge: Brooks, J. E.
Haddonfield: Smith, E. H.
Hoboken: Ganz, A. F.
Jersey City: Booth, L. M.; Corbin, C. K.; Fischer, C. H.; Henry, E. W.; Krieger, A. A.; LaTourrette, F.; McLaughlin, G. E.; Mallalieu, W. C.; Pratt, G. H.
Little Falls: Green, F. W.
Merchantville: Rudderow, M. B.
Montclair: Snow, A. H.
Moorestown: Bishop, W.
Morristown: Pitney, F. V.
New Brunswick: Jones, A. J.; Morris, C. H.; Whitlock, A. N.
New Milford: Spalding, G. R.
Newark: Biertuempfel, A. H.; Denman, A. R.; Halpin, T. F.; Rosentretter, H.; Scholz, R. O.; Sanzenbacher, G.; Sherrerd, M.
Newark: Van Duyne, J. R.
Passaic: Hopper, W. C.
Paterson: Cook, J. H.; Cuddeback, A. W.; Edwards, W. P.
Perth Amboy: Foersterling, H.; Grieve, T.
Phillipsburg: Corr, A. S.
Plainfield: Andrews, A.; Downes, J. R.; Gavett, W.
Pleasantville: Herr, J. O.
Princeton: Eldridge, H. D.
Rahway: Kirstein, A. F.
Ridgewood: Carr, J. A.
Riverton: Buck, W. H.
Summit: Bassett, C. P.; Green, F.; Kimball, F. C.; McMane, W. I.; Wheeler, R. C.
Trenton: Daggett, F. W.; Long, J. W.; Wigley, C. G.
Upper Montclair: Goodell, J. M.
Washington: Fulper, J. E.
Weehawken: French, D. W.; Miller, E. E.; Parker, C. B.
Wildwood: Miller, C. F.
Woodbridge: Mundy, A.

CORPORATE

East Orange: East Orange Board of Water Commissioners.
Millville: Millville Water Company.
Trenton: Trenton Water Works.
Wildwood: Board of Water Commissioners.

ASSOCIATE

Ampere: Lock Joint Pipe Co.
East Orange: Anthony O. Smith Mfg. Co.
Jersey City: Joseph Dixon Crucible Co.; Voorhees Rubber Mfg. Co.
Newark: Gamon Meter Co.

NEW MEXICO

Corporate 1; Total 1

CORPORATE

East Las Vegas: Agua Pura Co.

NEW YORK

Active 201; Corporate 13; Associate 41; Total 255

ACTIVE

Albany: Greenalch, W.; Hill, W. R.; Horton, R. E.; Horton, T.
Albany: Schwartz, F. W.; Suter, R.; Taylor, H. W.
Altmar: Buckley, T. J.

Amsterdam..... Dwyer, C.
Auburn.....Ackerman, J. W.
Avon.....Clark, W. H.
Bay Shore.....Sands, C. G.
Bellmore ..... Bowne, W. E.
Johnson, P.
Binghamton..... Beck, F. E.
Griswold, H. S.
Brockport.....Ross, C. H.
Brooklyn..... Ahrens A. R. N.
Hale, F. E.
Hayden, J. F.
Hendrick, W. M.
Kellogg, R. M.
Lobo, C.
Lott, E. H.
Metcalf, J. T.
Rector, F. L.
Buffalo..... Bassett, G. B.
Huy, H. F.
Wagner, H. F.
Yeager, A. J.
Cedarhurst.....Lord, F. B.
Charlotte.....Amos, J. F.
Cortland.....Ott, E. W.
Douglaston.....Brooks, J. N.
East Rochester.....Babcock, G. H.
Elmhurst.....Budelman, G. A.
Elmira.....Jones, H. F.
Endicott.....Waterman, F. L.
Far Rockaway, L.I. Bettes, C. R.
Durland, S. N.
Stearns, H. P.
Geneseo.....Meeker, G. R.
Glens Falls.....Smith, E. W.
Gloversville..... Orr, A.
Vrooman, M.
Haverstraw.....Driscoll, M. A.
Herkimer.....Sluyter, E. W.
Ithaca.....Chamot, E. M.
Jamaica.....Loughman, M. F.
Jamestown.....Hapgood, L. P.
Johnstown.....Hodges, E.
Kingston.....Harrison, J. H.
Liberty.....Harby, R.
Little Falls.....Oakley, G. I.
Long Beach.....Carstein, L. W. F.
Mt. Kisco.....Sawin, L. R.
Mt. Vernon..... Tolles, F. C.
Wolbert, H. E.
Newark.....Scarth, S.
Newburg.....Gilchrist, C. B.
New Rochelle.....Kemble, F. T.
New York Andrews, R. E.
Applebaum, S. B.
Armstrong, R. W.
Baker, M. N.
Baldwin, H. deF.
Barnes, T. H.
Beyer, A. H.
New York Biggs, G. W., Jr.
Blossom, F.
Bogart, J.
Bowles, J. T. B.
Brightman, H. I.
Brown, R. H.
Brush, W. W.
Bull, I. C.
Buswell, A. M.
Buttennheim, H. S.
Calkins, L. H.
Calvo, A. R.
Case, R. E.
Cleverdon, W. S. L.
Clowes, J. H.
Cole, E. S.
Corbin, H. K.
deVarona, I. M.
Dennett, R. C.
Drew, J. A.
Duggan, T. R.
Dunham, H. F.
Ellis, G. R.
Everett, C. M.
Ferguson, S. F.
Flinn, A. D.
Floy, H.
Folwell, A. P.
Foster, E. H.
Fuertes, J. H.
Fuller, G. W.
Fuller, W. B.
Gadsby, G. M.
Goldsmith, C.
Goodell, J. M.
Goodrich, E. P.
Gould, J. W. DuB.
Gregory, J. H.
Griswold, F. M.
Gubelman, F. J.
Hammer, E. W.
Hazen, A.
Heller, G. M.
Hering, R.
Hill, N. S., Jr.
Hoagland, I. G.
Hodgman, B. B.
Hoffmaster, G. E.
Hone, F. deP.
Irwin, T. E.
Jackson, D. D.
Johnson, G. A.
Kienle, J. A.
Kilpatrick, J. D.
Klingberg, W.
Knox, S. K.
Kriegsheim, H.
Ledden, E. M.
Longley, F. F.
Lynn, A. M.

NEW YORK
- McCarthy, D. B.
- McClintock, J. R.
- McKim, R. A.
- Machen, H. B.
- Murphy, A. R.
- Nelson, F. B.
- Parlin, R. W.
- Potter, A.
- Potts, C.
- Pratt, E. A.
- Provst, A. J., Jr.
- Purdy, J. H.
- Rider, J. B.
- Shepperd, F. W.
- Smith, J. W.
- Smith, M. H.
- Spear, W. E.
- Stevens, H. C.
- Taber, G. A.
- Toal, D. C.
- Tomlin, Jr., R. K.
- Tribus, L. L.
- Tuttle, A. S.
- Vermeule, C.
- von Recklinghausen, M.
- Wagner, B. M.
- Walradt, A. E.
- Wegman, E.
- Wilson, E. K.
- Yereance, W. B.

NIAGARA FALLS.....Callahan, W. J.
NORWICH.....Newton, H. D.
OGDENSBURG.....Lord, H. A.
OSSINING.....Bedell, J.
POUGHKEEPSIE.....Sylvester, E. W.
PURDY STATION.....Cuyler, T. C.
RENSSELAER.....Hinkley, R. L.

ROCHESTER.....
- Bliven, G. H.
- Chambers, V. J.
- Cripps, G. E.
- Dewey, A. H.
- Elwood, F. T.
- Fisher, E. A.
- Hopkins, C. C.
- Kittredge, H. C.
- Little, B. C.

ROME.....Armstrong, R.
SCHENECTADY.....McWilliams, C. C.
STAPLETON.....Volkhardt, W.

SYRACUSE.....
- Booth, W. M.
- Daw, L.
- Hodgkins, H. C.
- Windholz, C. A.

TROY.....
- Allen, E. B.
- Caird, J. M.
- Caldwell, J. H.
- Clifton, C. E.
- Diven, J. M.
- Diven, J. M., Jr.
- Eglof, J. H.
- Knickerbacker, J.
- Mason, W. P.

TUPPER LAKE.....Randall, D. C.

UTICA.....
- Larmon, F. P.
- Reagan, J. F., Jr
- Sherman, R. U.
- White, W. M.

WATERFORD.....Curran, H. C.
WATERVLIET.....Halpin, G. R.
WHITE PLAINS.....Lyon, W. H.
WOODHAVEN.....Luce, F. H.

YONKERS.....
- Fulton, D. F.
- Peene, E. L.

CORPORATE

AMSTERDAM.....City of Amsterdam
AUBURN.....Auburn Water Dept.
BUFFALO.....Western New York Water Co.
CORNING.....Corning Water Works
ELMHURST, L. I. Citizens Water Supply Co.
ELMIRA.....Elmira Water Board
NEW YORK American Water Works & Elect. Co., Inc.

NEW YORK
- Roanoke Water Works Co.
- Urbana Water Supply Co.

OWEGO.....Owego Water Works Co.
SUFFERN.....Suffern Water Commissioners
WATERTOWN.....Watertown Water Works
WHITE PLAINS White Plains Department of Pub. Wks.

ASSOCIATE

BROOKLYN.....Thomson Meter Co.

BUFFALO.....
- Buffalo Meter Co.
- Taylor Co., W. P.

ELMIRA.....
- Kennedy Valve Mfg. Co.
- Wyckoff & Son Co., A.

NEW YORK.....
- Alberger Pump Co.
- American Spiral Pipe Works

NEW YORK.....
- Arnold, Hoffman & Co., Inc.
- Central Foundry Co.
- East Jersey Pipe Co
- Eimer & Amend
- Fairbanks Co.
- Fox & Co., J.
- Gillespie, T. A.

NEW YORK..
- Hermiston Mfg. Co., J.
- Kalbfleisch Co., F. H.
- Kellogg & Co., E. H.
- Kingsley, E. D.
- Mogul Co.
- National Meter Co.
- National Water Main Cleaning Co.
- Neptune Meter Co.
- New York Continental Jewel Filtration Co.
- Pacific Flush Tank Co.
- Permutit Co.
- Pitometer Co.
- Reisert Automatic Water Purifying Co.

NEW YORK..
- Sanitation Corporation
- S. E. T. Valve & Hydrant Co.
- United Lead Co.
- Wallace & Tiernan Co.
- Warren Foundry & Machine Co.
- Water Works Equipment Co.
- Worthington Pump & Machinery Corp.

NEWBURG.....Coldwell-Wilcox Co.
PALMYRA.....Garlock Packing Co.
SENECA FALLS.....Gould, N.
TROY.....
- Ludlow Valve Mfg. Co.
- Rensselaer Valve Co.
- Ross Valve Mfg. Co.

WATERFORD....Eddy Valve Mfg. Co.

NORTH CAROLINA

Active 12; Total 12

ACTIVE

CHARLOTTE.....
- Christie, J. G. C.
- Vest, W. E.

CONCORD.....Fisher, L. A.
DURHAM.....
- Michie, J. C.
- White, G. C.

EAGLE SPRINGS.....Maurice, G. H.
ELIZABETH CITY.....Lewis, R. E.
GOLDSBORO.....Grantham, C. M.
RALEIGH.....
- Bain, E. B.
- Booker, W. H.

WILMINGTON.....Catlett, G. F.
WINSTON-SALEM.....Ludlow, J. L.

NORTH DAKOTA

Active 4; Total 4

ACTIVE

BISMARCK.....Atkinson, T. R.
FARGO.....
- Anders, F. L.
- Blakemore, R. B.

UNIVERSITY.....Hanford, W. W.

OHIO

Active 57; Corporate 3; Associate 12; Total 72

ACTIVE

BARNESVILLE.....Hobbs, R. A.
BELLAIRE.....Wilkinson, J. H.
CINCINNATI.....
- Amole, E. B.
- Anderson, C.
- Baldwin, B. L.
- Bitgood, F. C.
- Blackmore, D.
- Boeh, W. H.
- Frost, W. H.
- Hauser, S. J.
- Hill, J. W.
- Hiller, J. A.
- Miller, C. N.
- Parker, R. H.

CINCINNATI.....
- Pollard, S. G.
- Stewart, J. A.
- Streeter, H. W.
- Stromquist, W. G.

CIRCLEVILLE.....Jones, J. M.
CLEVELAND.....
- Beardsley, J. C.
- Quayle, LeR. A.
- Schulz, C. F.

COLUMBUS....
- Bair, M. Z.
- Burgess, P.
- Dittoe, W. H.
- Eno, F. H.
- Foulk, C. W.
- Hoover, C. P.
- Kimberly, A. E.

Columbus: McAlpine, A. H.; Martin, J. C.; O'Shaughnessy, J.; Richards, A.; Van Buskirk, L. H.; Waring, F. H.
Dayton: Barlow, J. E.; Grosbernt, F. H.; Wight, H. C.
Delaware: Wiles, C. W.
Galion: Breece, M. J.
Hamilton: Mayo, W. B.
Kent: Messer, S. F.
London: Fisher, E. P.
Lorain: Brown, C. A.; Tristram, T.
Massillon: Inman, A. W.
Mt. Gilead: Miller, W. E.
Shelby: Bricker, R. P.
Simons: Britton, G.
Springfield: Catter, G. S.
Tiffin: Wetter, C. H.
Toledo: Brown, C. S.; Champe, G.; Gould, W. H.; Sherman, W. J.
Wellington: Gadfield, C. E.
Xenia: Cooper, G. F.

CORPORATE

Akron: Akron City Water Works
Lorain: Lorain Water Works
Youngstown: Mahoning Valley Water Co., The

ASSOCIATE

Cincinnati: Bourbon Copper & Brass Works Co.; Ford, J. T.; Jarecki Chemical Co.; McFarlan, C. E.
Cleveland: McGowan Co., John; Bowler Foundry Co.; Farnan Brass Works; Glauber Brass Mfg. Co.; Rickersberg Brass Co.; United Brass Mfg. Co.
Dayton: Platt Iron Works Co.
Massillon: Massillon Iron & Steel Co., The

OKLAHOMA

Active 1; Total 1

ACTIVE

Oklahoma City: Bennett, J. W.

OREGON

Active 2; Total 2

ACTIVE

Hillsboro: Gates, H. V.
Portland: Clarke, D. D.

PENNSYLVANIA

Active 111; Corporate 12; Associate 25; Total 148

ACTIVE

Allentown: Meckley, E. W.
Altoona: Campbell, C. B.
Ambler: Devine, W. J.; Walker, A. J.
Aspinwall: Drake, C. F.
Berwick: Hicks, J. S.
Brookville: Sayer, F. D.
Bucks Hill Falls, Thompson, C. N.
Carlisle: Faller, C.
Chambersburg: McGrath, F. R.
Clearfield: Nevling, J. B.
Columbia: Meyers, A. H.
Corry: Brown, R. W.
Doylestown: Bishop, W.
East Pittsburgh: Holmes, A. G.
Easton: Rader, R. P.
Erie: Dunwoody, J. H.; Humphrey, E. W.
Florin: Nissly, E. L.
Germantown: Corin, M. F.
Greensburg: Smith, L. B.
Harrisburg: Emerson, C. A., Jr.; Knisely, J. H.; Irwin, R. E.; Schaup, C. E.
Huntington: Bergan, P. H.

JOHNSTOWN: Crichton, A. B.; Watkins, T.
LANCASTER: Brainard, J. T.; Shaw, F. H.; Will, C. K.
LEHIGHTON: West, G. M.
LEWISTOWN: Cooper, S. W.
McKEESPORT: Trax, E. C.
MEADVILLE: Ellsworth, H.
MONESSEN: McCabe, H. D.
MONONGAHELA: Nutt, J. A.
NORRISTOWN: Jackson, R. A.
NORTH EAST: Leet, J. N.
OIL CITY: Johnson, M. F.
PHILADELPHIA: Bartlett, N. E.; Bean, G. L.; Birkenbine, C. P.; Boardman, W. H.; Buerger, C. B.; Cheyney, G. S.; Davis, C. E.; Dunlap, F. C.; Durst, J. A.; Fuller, A. J.; Grayson, T. J.; Gushee, E. G.; Keen, H. P.; Kneen, A. H.; Kyle, J. I.; Ledoux, J. W.; Lightfoot, J. C.; MacCallum, A. W.; Nichols, E. M.; Pugh, M. R.; Quinn, M. P.; Russell, N. F. S.; Siddons, J. S. V.; Stone, R. D.; Tarr, H. G. H.; Tolson, A.; Trautwine, J. C.; Van Loan, S. M.; West, F. D.
PHILADELPHIA: Wood, E. R., Jr.; Wood, W.; Yeakel, D. D.
PITTSBURGH: Baton, W. U. C.; Buka, S.; Chester, J. N.; Finley, C. A.; Handy, J. O.; Hopkins, N. F.; Hudson, L.; Knowles, M.; Leopold, F. B.; Mellon, T. A.; Scharff, M. R.; Shepherd, A. B.; Taylor, S. A.
POTTSVILLE: Pollard, W. D.
READING: Ahrens, H. E.; Felix, G. H.; Filbert, W. D.; Heller, F. P.; Keiser, D. H.; Nuebling, E. L.
SCRANTON: Cox, H. F.; Marple, W. M.; Taylor, G. R.; Wilcox, W. A.
SHAMOKIN: McWilliams, C. Q.
SOUTH BETHLEHEM: Watters, G. L.
STATE COLLEGE: Sackett, R. L.; Walker, E. D.
STEELTON: Litch, M. B.
SUNBURY: Rohrbach, W. R.
VERONA: Moore, G. H.
WASHINGTON: Donnan, A.
WILKESBARRE: Lance, O. M.
WILKINSBURG: Fox, C. L.; Hawley, W. C.
WILLIAMSPORT: Bloom, W. H.; Krause, M. C.
WILLOW GROVE: Goentner, W. B.
YORK: Ramsey, W. H. C.

CORPORATE

EAGLES MERE, Eagles Mere Water Co.
EASTON: South Easton Water Co.
ERIE: Erie Commissioners Water Works
MILTON: Mountain Water Co.
MOUNT CARMEL: Mount Carmel Water Co.
NEWPORT: Hanover & McSherrytown Water Co.
PITTSBURGH: Trafford Water Co.; Tri-Cities Water Co.
READING: Bureau of Water
SCRANTON: Scranton Gas & Water Co.
STEELTON: Steelton Water Department
WILLIAMSPORT: Williamsport Water Co.

ASSOCIATE

BERWICK: American Car & Foundry Co.; Multiplex Mfg. Co.
BRADFORD: Dresser Mfg. Co., S. R.
BRISTOL, Standard Cast Iron Pipe Co.
EAST PITTSBURGH, Pittsburgh Meter Co.

ERIE.....Hays Mfg. Co.
LINFIELD...Sanitary Co. of America.
PHILADELPHIA...
- American Manganese Bronze Co.
- American Pipe & Construction Co., The
- Boyd & Bro. Inc., James
- Electrolytic Purification Co.
- Harrison Brothers & Co., Inc.
- Leadite Co., Inc., The
- Lennig & Co., C., Inc.
- McBride, T. C.

PHILADELPHIA..
- Pennsylvania Salt Mfg. Co.
- Roberts, C. V.
- Simplex Valve & Meter Co.
- United States Cast Iron Pipe & Foundry Co.
- Wood & Co., R. D.

PITTSBURG....
- Berg, J. D.
- Pittsburg Filter Mfg. Co.
- Pittsburg-DesMoines Steel Co.
- Woods, F. F.

WILLIAMSPORT, Darling Pump & Mfg. Co., The

RHODE ISLAND

Active 3; Associate 1; Total 4

ACTIVE

AUBURN.....Salmon, F. W.
PROVIDENCE.....
- Freeman, J. R.
- Stearns, R. H.

ASSOCIATE

PROVIDENCE..Builders' Iron Foundry

SOUTH CAROLINA

Active 5; Corporate 1; Total 6

ACTIVE

CHARLESTON.....
- Worthen, J. M.
- Parker, F. L.

COLUMBIA.....Wyse, F. C.
GREENWOOD.....Cothran, T. W.
UNION.....Easterling, R. A.

CORPORATE

CHARLESTON....Charleston Light and Water Co.

SOUTH DAKOTA

Active 1; Total 1

ACTIVE

SIOUX FALLS.....Connor, F. J.

TENNESSEE

Active 13; Corporate 2; Associate 2; Total 17

ACTIVE

CHATTANOOGA...
- Hazelhurst, J. N.
- Knight, G. W.
- Lofton, H. M.
- Mellon, A. F.

DYERSBURG.....Blakeman, S. R.
ETOWAH.....Price, W. H.
JACKSON.....Harris, H. M.
KNOXVILLE.....Switzer, J. A.
MEMPHIS.....Layne, M. E.
NASHVILLE.....
- Ahearn, J. T.
- Elliott, R.
- Hinds, M. E.
- Reyer, G.

CORPORATE

COLUMBIA.... Columbia Water & Light Co.

MEMPHIS.. Memphis Artesian Water Dept.

ASSOCIATE

CHATTANOOGA. Columbian Iron Works

MEMPHIS..... Layne & Bowler Co.

TEXAS

Active 5; Corporate 2; Honorary 1; Total 8

ACTIVE

DALLAS..... Elrod, H. E.
Moore, L. C.

FORT WORTH..... Eldredge, G.

SAN ANTONIO..... Harding, R. J.

WACO..... Martin, A. M.

CORPORATE

TEMPLE..... Temple Water Works

WACO..... Waco Water Works

HONORARY

GALVESTON..... Cameron, W. L.

UTAH

Active 1; Total 1

ACTIVE

SALT LAKE CITY..... Barrett, C. F.

VERMONT

Active 3; Total 3

ACTIVE

BENNINGTON..... Ayres, J. H.

BURLINGTON..... Moat, C. P.

MANCHESTER CENTER... Marsden, A. B.

VIRGINIA

Active 14; Corporate 1; Associate 2; Total 17

ACTIVE

CHARLOTTESVILLE..... Carter, C. D.

CITY POINT..... Boyle, F. C.
Longley, F. J.
Showell, E.B., Jr.

DANVILLE..... Talbott, F.

LYNCHBURG.. Randolph, W. C. N., Jr.

NEWPORT NEWS.... Livezey, W. B.

NEWPORT NEWS .... Manville, F. D.

NORFOLK..... Bliven, C. H.

PETERSBURG..... Bunting, P. G.

RICHMOND..... Bolling, C. E.
Davis, E. E.
Messer, R.

ROANOKE..... Malcomson, A. S.

CORPORATE

ALEXANDRIA... Alexandria Water Co.

ASSOCIATE

LYNCHBURG.... Glamorgan Pipe & Foundry Co.

LYNCHBURG.. Lynchburg Foundry Co

WASHINGTON

Active 6; Corporate 2; Total 8

ACTIVE

CHELAN.....Harper, L. V.
HOQUIAM.....Heermans, H. C.
SEATTLE.....Willard, E. C.
SPOKANE.....Harding, G.
TACOMA..... { Everette, W. E.
Roberts, W. J.

CORPORATE

ANACORTES.... { Washington Power, Light and Water Co.
SPOKANE.... { Superintendent Water Division

WEST VIRGINIA

Active 5; Total 5

ACTIVE

BLUEFIELD.....McCarthy, W.
CHARLESTON..... { Davisson, W. C.
Tolman, M.
CLARKSBURG.....Highland, S. G.
MARTINSBURG.....Shaffer, G. H.

WISCONSIN

Active 28; Corporate 1; Associate 2; Total 31

ACTIVE

APPLETON.....Goodland, J., Jr.
ASHLAND.....Wheeler, S.
BELOIT..... { Lyons, B. F.
Salmon, C. B.
CEDAR GROVE.....Huenink, H. L.
GREEN BAY.....Flatley, J. P.
KENOSHA.....Brennan, B. C.
MADISON..... { Bascom, G. R.
Hatch, S. R.
Mead, D. W.
Miller, W. E.
Parker, E. E.
Smith, L. A.
MILWAUKEE.....Benzenberg, G. H.
MILWAUKEE.... { Bohmann, H. P.
Marius, H.
Ferebee, J. L.
Hatton, T. C.
McMillan, T.
Murphy, F. J.
Sando, W. J.
Strothman, L. E.
RIPON.....Hazeltine, W. E.
SOUTH MILWAUKEE.....Neary, J. H.
SUPERIOR..... { Lounsbury, W. C.
Winslow, W. H.
WAUKESHAW.....Hayford, B. B.
WEST ALLIS.....Vinal, C. H.

CORPORATE

LACROSSE....LaCrosse Board of Public Works

ASSOCIATE

MILWAUKEE. { Allis-Chalmers Mfg. Co.
Badger Meter Mfg. Co.

WYOMING

Active 2; Total 2

ACTIVE

CHEYENNE.....Carlisle, C. C.
ROCK SPRINGS.....Bell, D. V.

CANADA

Active 58; Corporate 9; Total 67

ACTIVE

ALBERTA:

- Calgary: Fawkes, A. W. E.; Sherring, A. E.
- Edmonton: Owens, R. B.

BRITISH COLUMBIA:

- Vancouver: Fellows, F. L.
- Victoria: Rust, C. H.

MANITOBA:

- Brandon: Shaw, A. W.; Speakman, R. E.
- Winnipeg: Ruttan, H. N.; Scott, W. M.; Stainton, H.

ONTARIO:

- Berlin: Hymmen, H.
- Brantford: Frank, F. W.; Webster, D. L.
- Brockville: Bryson, G. H.
- Carleton Place: Michel, B. G.
- Lindsay: Hammond, W. H.
- London: Hodkinson, T.; Moore, J. M.
- Merriton: Clark, R.
- Niagara Falls: Warder, C.
- Ottawa: McRae, J. B.; Macallum, A. F.; Race, J.
- Perth: Smith, R. J.
- St. Catharines: Milne, A.
- Toronto: Chipman, W.; Conway, G. R. G.; Dallyn, F. A.; Fellows, C. L.

ONTARIO:

- Toronto: Gaby, F. A.; Gore, W.; Harris, R. C.; Irving, T. C.; Mitchell, C. H.; Randall, W. H.; Salmond, J. J.; Storrie, W.; Wynne-Roberts, R. O.
- Trenton: Hicks, A. T.
- Walkerville: Brown, C. D.

QUEBEC:

- Hull: Laforest, J. P. A.
- Montreal: Field F. E.; Francis, W. J.; Hunter, H. G.; Laberge, F. C.; Lafreniere, T. J.; Lea, R. S.; Lesage, R.; Lesage, T. W.; McCrady, MacH.; Mercier, P.-E.; Perry, W.; Pitcher, F. H.; Plamondon, A.; Ross, R. A.; Surveyer, A.
- Ste Anne de Bellevue: Stephen, C.
- Westmount: Meadows, J. O.

CORPORATE

MANITOBA:

- Winnepeg: Greater Winnepeg Water District

ONTARIO:

- Brantford: Brantford Water Commissioners
- Galt: Galt Water Commission
- London: Public Utilities Commission
- Peterborough: Peterborough Utilities Commission
- Sault Ste. Marie: City Water & Light Dept.
- St. Thomas: St. Thomas Water Commissioners
- Stratford: Stratford Water Commissioners
- Waterloo: Waterloo Water & Light Com'n

FOREIGN

Active 36; Corporate 1; Associate 1; Honorary 1; Total 49

ACTIVE

ARGENTINE REPUBLIC:

- Bahia Blanca: Anthony, C., Jr.

AUSTRALIA:

- Brisbane: Hargreaves, J.; Henderson, J. B.
- Melbourne: Neylon, L.; Ritchie, E. G.
- Millbrook: Bradley, E. J.
- Perth: Trethowan, H. C.
- Newcastle: Ewing, J.

PORT AUGUSTA, Saunders, F. W. T.
ROCKHAMPTON....Parkinson, H. W.
SYDNEY.....Smith, C. W.

CANAL ZONE:
BALBOA HEIGHTS.....Wells, G. M.
CRISTOBAL.....Spaulding, C. H.
GATUN..... .....Bunker, G. C.

CHILI:
SANTIAGO.....Neut, G.

CUBA:
HAVANA..... { Cosculluela, J. A.
Montoulieu, H. J.
MATANZAS.....Heydrich, A.

ECUADOR:
GUAYAQUIL.....Hobby, A. S.

ENGLAND:
LONDON..... { Coventry, H. G.
Jarvis, A. C.
REXHILL-ON-SEA.. ....King, C. P.

HAWAII:
HONOLULU.....Murray, H. E.

INDIA:
CALCUTTA..... { Cameron, A. P.
Lawton, R. W.

IRELAND:
WEXFORD .....Wickham, J. T.

JAPAN:
TOKIO.....Nishioeda, S.
YOKOHOMA.....Inoue, S.

MEXICO:
GUADALAJARA.....Blake, C. H. M.

PHILLIPINE ISLANDS:
MANILA.....Gideon, A.

RUSSIA:
MOSCOW.....Simin, B. N.
PETROGRAD.....Kontkovski, E. B.
ZARSKOE SELO.....Timonoff, V. E.

SCOTLAND:
ABERDEEN.....Mitchell, G.
DALCROSS..... .McIntosh, W., Jr.

STRAITS SETTLEMENTS:
SINGAPORE.....Tomlinson, S.

CORPORATE

AUSTRALIA: SYDNEY....Metropolitan Board of Water Supply & Sewage

ASSOCIATE

SCOTLAND: CRAIGWARD, BUSBY....McQuistan, A. N.

HONORARY

JAPAN: TOKIO.....Nakajima, Y.

SUMMARY BY STATES

	Active	*Corporate*	*Associate*	*Honorary*	*Total*
Alabama	12	1	2		15
Arizona	3				3
Arkansas	2				2
California	35	6		1	42
Colorado	6		1		7
Connecticut	15	1	2	1	19
Delaware	9				9
District of Columbia	9		1		10
Florida	8				8
Georgia	11				11
Idaho					0
Illinois	129		14		143
Indiana	20	4	2		26
Iowa	36	1			37
Kansas	9				9
Kentucky	20	4	1		25
Louisiana	10	2			12
Maine	17				17
Maryland	16				16
Massachusetts	44		6		50
Michigan	29	3	1		33
Minnesota	20		1	2	23
Mississippi	8				8
Missouri	29	3	1	1	34
Montana	6	1			7
Nebraska	3	1			4
Nevada	2	1			3
New Hampshire		1			1
New Jersey	74	4	5		83
New Mexico		1			1
New York	201	13	41		255
North Carolina	12				12
North Dakota	4				4
Ohio	57	3	12		72
Oklahoma	1				1
Oregon	2				2
Pennsylvania	111	12	25		148
Rhode Island	3		1		4
South Carolina	5	1			6
South Dakota	1				1
Tennessee	13	2	2		17
Texas	5	2		1	8
Utah	1				1
Vermont	3				3
Virginia	14	1	2		17
Washington	6	2			8
West Virginia	5				5
Wisconsin	28	1	2		31
Wyoming	2				2
Canada	58	9			67
Foreign	36	1	1	1	39
	1150	81	123	7	1361
Last Report	1029	70	123	7	1229
Gain	121	11	0	0	132

THE WAVERLY PRESS
BALTIMORE, U. S. A.